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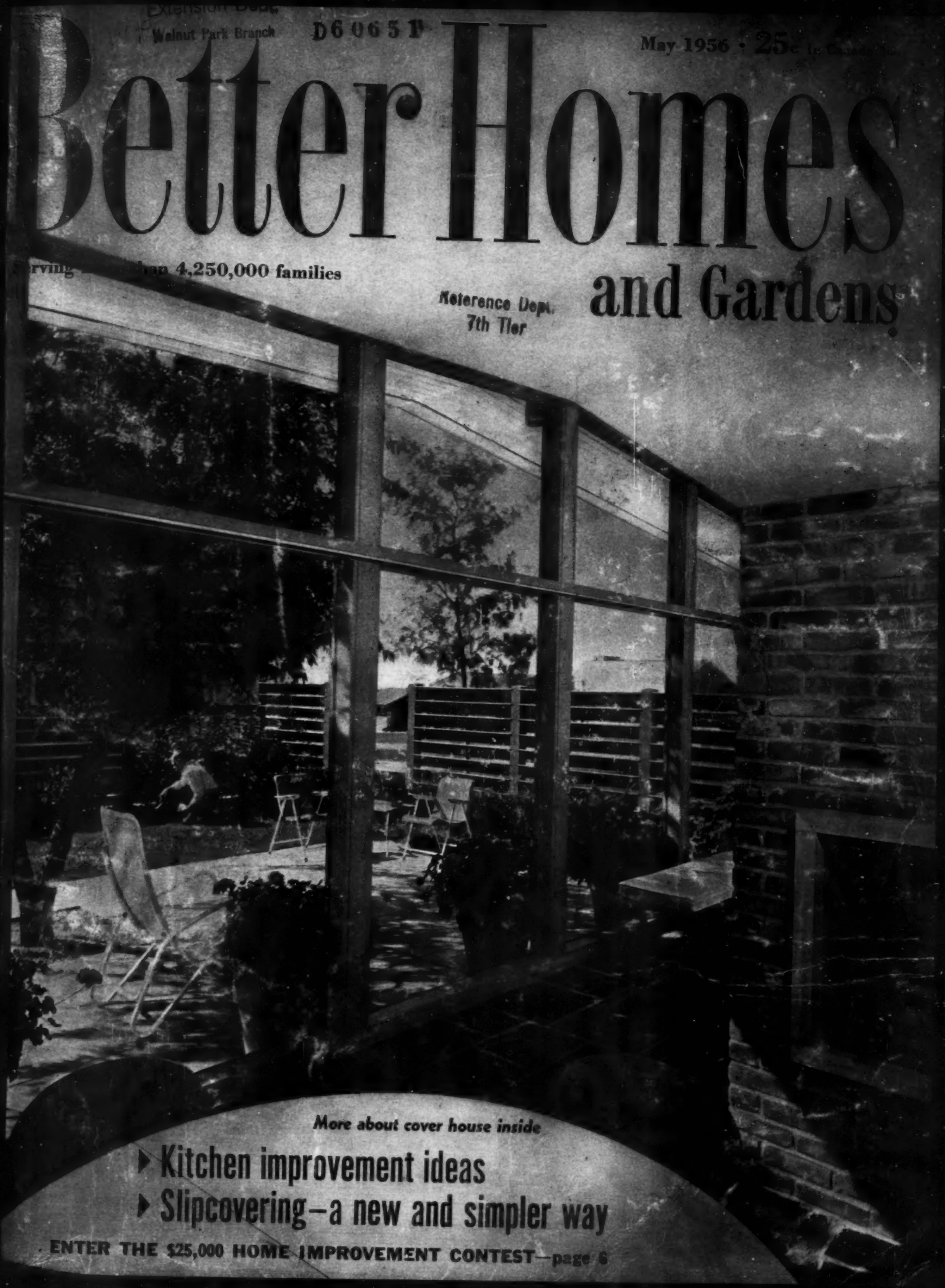

More about cover house inside

- Kitchen improvement ideas
- Slipcovering—a new and simpler way

ENTER THE $25,000 HOME IMPROVEMENT CONTEST—page 6

W5 JUL
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Sound Conditioning . . .
the new comfort for up-to-date homes

Installation is clean and fast. There's no mess when you install handy 12″ x 12″ or 12″ x 24″ Cushiontone by stapling, nailing, or cementing. Cushiontone is a permanent ceiling that can't crack. Its smooth white finish can be repainted without losing any efficiency.

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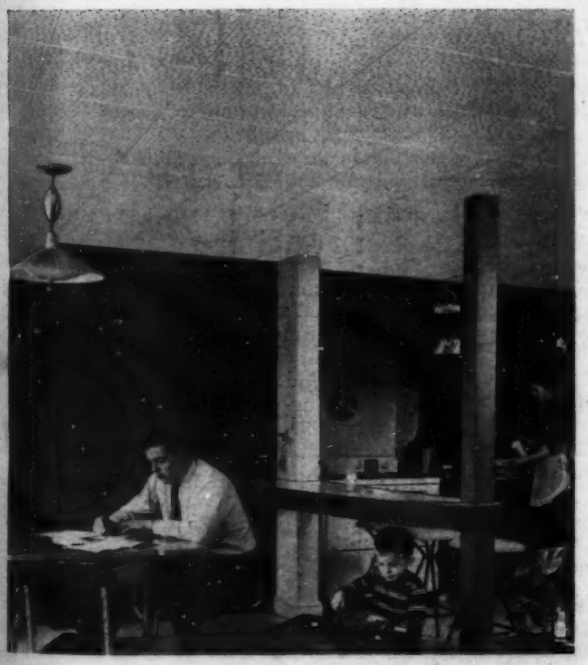

Family activities are fun in a family room-kitchen, but it can easily become the noise center of your home if you don't control the sounds of work and play. By installing a sound-absorbing ceiling of Armstrong Cushiontone you can take the edge off noise, make your family room a pleasanter place in which to live.

Send for free booklet, "Quiet Your Home with a New Armstrong Ceiling." It has complete step-by-step instructions and pictures. Write to Armstrong Cork Company, 5605 Farnum Street, Lancaster, Pa.

You can buy Cushiontone from your Building Materials Dealer and install it yourself. For a professional installation, see your Armstrong Acoustical Contractor. Both are listed in the Yellow Pages of your phone book.

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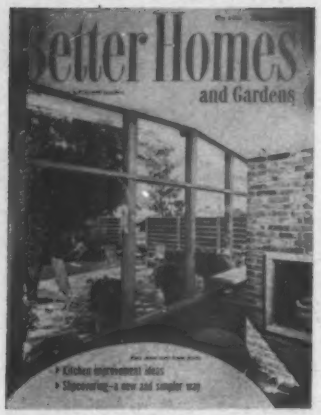

Even in cold-climate country, you can have a house that makes the great outdoors work for you. On page 82, you'll learn how our South Dakota cover house does it — and you can buy the plans. Photograph is by Hedrich-Blessing

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Better Homes and Gardens®

May, 1956 Vol. 34, No. 5

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$25,000.00 Home Improvement Contest for 1956

No project (inside or outside) is too small to win

THIS CONTEST covers any improvement to your home and surrounding property. And you have 128 chances to win in the four divisions—Exteriors, Interiors, Additions, and Kitchen-Utility areas—explained in detail further on. You are officially entered in the contest when we receive a Preliminary Entry Form from you. Besides one printed below and elsewhere in this issue, there'll be others in following issues, as well as at retail stores and financial institutions cooperating as contest headquarters.

Contest closes midnight, December 31, 1956. It is not necessary to buy a copy of *Better Homes & Gardens* to enter.

Once we receive your Preliminary Entry Form, you'll be sent—free—a 32-page, beautifully illustrated book, full of ideas to help you with your project. This book contains a wealth of information in full color on landscaping, planning, remodeling, painting, furnishing. With this book will be a Final Entry Form to be filled out and mailed back to us after you complete your project.

The Final Entry Form will have space for all the project information needed by our judges, plus room for before-and-after snapshots, floor plans, and other description.

This contest is open to anyone 16 years or over within territorial limits of the United States, its possessions, or the Dominion of Canada, *except* employees of Meredith Publishing Company and its subsidiaries, their families, and members and families of the Meredith Publishing Company's advertising agencies.

More information on page 9

Send this coupon today for free, 32-page Contest Ideas Book, plus list of other helpful booklets, a Final Entry Form, and complete contest rules.

PRELIMINARY ENTRY FORM—HOME IMPROVEMENT CONTEST

To the Contest Editor, *Better Homes & Gardens*, Des Moines 3, Iowa.

Please enter my name in your 1956 Home Improvement Contest and send me my book and Final Entry Form. I have checked below the division or divisions I intend to enter.

Name .....
(please print)

Street and No. .....

City ..... Zone ..... State .....

☐ Exteriors ☐ Additions

☐ Interiors ☐ Kitchen-Utility areas

It is not necessary to buy a copy of Better Homes & Gardens to enter this contest

4

"PEOPLE are the Greatest Invention Yet"

Visitor to Telephone Company exhibit says: "The man of the house came out with a new reverence for engineering. I came out with a new reverence for people."

INTERESTED VISITORS—Pat Haan, a telephone accounting clerk, explains billing machine to Mrs. Beebe and her husband. "I was so impressed with everything I saw," says Mrs. Beebe, "that I went right home and wrote a piece for our local newspaper." It's so human and friendly that we are reprinting it here.

"We went to the Telephone Company's Open House," writes Evadne Scott Beebe in the Zion-Benton News, "and saw the electronic brain playing tick-tack-toe.

"My husband was enthralled with the performance but I was watching the deft, well-groomed hands of the woman displaying the machine. She wore a wedding ring and I wondered about her home and family.

"After we listened to her little speech we went to a man in a brown business suit who told us how telephone bills are made out. Then a clear-eyed young woman operated the machine for us. To be sure, it was an amazing gimmick, but not nearly so attractive as the girl who handled it so well.

"Outside we stopped by a truck with an 'earth auger' and other modern attachments. Explaining their uses was a big, jovial lineman.

"While we listened to an account of how fast the auger could dig a hole, I was looking at the man and thinking that here was the typical lineman, strong, alert, capable and kindly, a person who, in times of disaster, becomes a kind of unsung hero.

"My husband said, 'This is what I want to see,' as we went into the equipment building. Here we saw switches and relays, ringing machines, countless colored wires in patterns like quilt blocks, and listened to technical explanations.

"That is, my husband listened. I watched the men as they talked so intelligently and wondered where they live, who cooks their meals and irons their shirts, what their problems are, and if they were ever in love."

EVADNE SCOTT BEEBE, *Zion-Benton (Ill.) News*

MANY OTHER EXHIBITS. In addition to Open Houses at telephone companies, there are many other occasions and places where the story of the telephone is brought to you. These include fairs, lectures, moving pictures and traveling exhibits. Everyone is welcome. Bring the children.

There is, indeed, a lot of wonderful equipment in telephone service. But it takes more than 740,000 Bell System men and women to bring it into being and make it work. And because more people are making more use of their telephones, the number of employees is growing all the time.

"People," as Mrs. Beebe points out, "are the greatest invention yet" in the telephone business.

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Ask your architect, heating dealer and builder about zoning the house you plan to build or buy. Or write Honeywell, Dept. 2715, Minneapolis 8, Minn.

MINNEAPOLIS
Honeywell

Zone Control

Contest

Begins on page 6

Which divisions apply to your project?

1. Exteriors: Any improvement from lot line to lot line that makes for a more attractive outside picture, a more useful house and yard. Among many examples: General improvement of house's appearance, such as done by painting, roofing, re-siding. Improvement of design by removal or redesign, say, trimming back an old-fashioned overhang to a more modern roof. Development of any detached structures like garage, garden-storage unit, workshop. Also garden architecture: a trellis, fence, or any improvement through use of plants, trees, shrubs. A pool or a play yard.

2. Interiors: All improvements within confines of existing house, except a kitchen or utility area. This includes improving beauty and practicality of rooms through new furnishings, decorating, papering, and painting. Examples: A dining room made into a family room; bedroom space from a formerly unfinished attic. Updating a bathroom, improving a window area. Putting basement to better use through redesigning, rearrangement—including heating, air conditioning, plumbing equipment. Smaller improvements like a new fireplace, or updating of an old one. Resurfacing a wall or floor.

3. Additions: Any new, enclosed space attached to your house. Examples: A bedroom added to the present house, added space for a bathroom, provision for a family room, a vestibule entry with extra storage, a covered porch, an attached greenhouse.

4. Kitchen-Utility Areas: This covers all kitchens and/or utility areas either remodeled from present space or added, or both. Examples: Better arrangement and updating of kitchen equipment. Increasing kitchen efficiency through better traffic, storage, and work areas. Adding eating space in kitchen. Relocation of utility area to more convenient spot. Your kitchen and utility area may be separate or combined. Repainting and redecorating count as much here as elsewhere.

Remember, you choose the division for your project. Then, after we receive your Final Entry Form, our judges will decide into which of four classes in each division it goes. These classes (A-B-C-D under each division) are based on the scope of the project itself. Thus, all entries compete only with others of equal scope. *A small, inexpensive improvement will have the same chance to win a prize as a large, costly project.*

You may enter more than one division. Example: If you make an addition to your present house for a kitchen, you might choose to enter your project in both "Additions" and "Kitchen-Utility" divisions. Sections of a larger project, taking in a whole house and lot, might be entered in each of the four divisions. Separate Final Entry Forms must be used for *each* entry in cases such as this. Contest editor will supply extra Final Entry Forms on request.

CONTEST PRIZES

Project divisions	Classes	128 Qualifying winners	16 Division winners
1. Exteriors (Lot line to lot line.)	A..eight $100 winners B..eight $100 winners C..eight $100 winners D..eight $100 winners	field of 32 for division prizes	A $500 B $500 C $500 D $500
2. Interiors (Existing space except kitchen or utility room.)	A..eight $100 winners B..eight $100 winners C..eight $100 winners D..eight $100 winners	field of 32 for division prizes	A $500 B $500 C $500 D $500
3. Additions (New, enclosed space attached to house.)	A..eight $100 winners B..eight $100 winners C..eight $100 winners D..eight $100 winners	field of 32 for division prizes	A $500 B $500 C $500 D $500
4. Kitchens and Utility rooms (Separate or combined.)	A..eight $100 winners B..eight $100 winners C..eight $100 winners D..eight $100 winners	field of 32 for division prizes	A $500 B $500 C $500 D $500

Plus

Best-of-Contest Awards

1st PRIZE of $2,500

2nd PRIZE of $1,000

3rd PRIZE of $700

When our judges award the $25,000.00 prize money, they'll first choose 128 "Qualifying winners." This group will consist of eight winners in *each* class of *each* division. From these qualifiers, 16 "Division winners" will be chosen, this group being composed of a single winner for each class in each division. Finally, these 16 division winners will compete against each other for the "Best of Contest" awards—1st, 2nd, and 3rd place.

For additional prizes, see page 306

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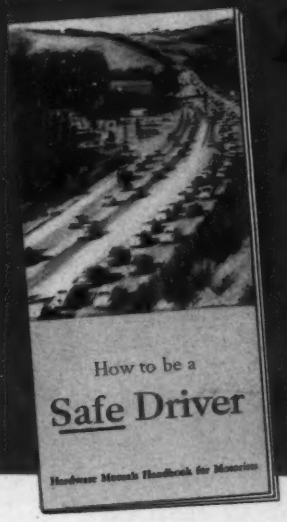

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Spring care of tulips

Here's how to get: (1) bigger flowers on taller stalks, and (2) extra space in the border when the tulips have faded

Spring rain and winter snow provide tulips with most of the moisture they need.

But you can stretch the bloom stalks and increase the size of the flowers by watering when nature's supplies fall short. Water more often if tulips are planted where they get competition for water from nearby plants.

When the flowers have faded, snap off seed heads.

If the plants produce seed, they waste energy that can be better used storing food for flowers next spring.

The food which the tulip plant stores this year will produce the colorful flowers that appear next year.

Photographs: Stanley

After tulips bloom, you can move them to make space for summer flowers, annuals perhaps. Dig the plants carefully and heel them into a shallow trench at the back of the garden away from traffic.

The tulips will mature normally, and can be moved back to their usual spring "show place" in the fall.

Foliage of tulips you heel-in will turn yellow and die back after 4 to 6 weeks.

You can pull them up then and clean the bulbs for additional curing and storage until fall. Or, dig them and clean them in August.

Pull off the old husks and separate any side bulbs you may have. Store them in labeled containers in a dry, cool place until time for fall planting, usually October.

Plan now for window beauty like this!

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Andersen Corporation, Bayport, Minnesota. BHG-56

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Please Check: ☐ I plan to build ☐ I plan to remodel

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Start 'em young

His dad equipped 6-year-old Tim with these clubs: 1 wood, 3 irons, and 1 putter; also with used, regulation balls and a child's bag. Get inexpensive equipment—a youngster will outgrow it in about 3 years

After showing Tim the correct stance for putting, Jack Westland puts Tim's hands on the club in an overlapping grip. "The proper grip and the proper stance are basic," he says. "You can teach these to your child just as easily in putting at home as you can anwhere else"

at golf!

By Ruth Boyer Scott

Congressman Jack Westland, 1952 National Amateur Champion, began teaching his son good golf at the free-swinging age of 6 years. Follow this father's tips and your youngsters soon will be beating you at your own game!

When he was 12, his father started teaching Jack Westland to play golf. For 35 years Jack enjoyed the game before he reached the National Amateur Golf Championship in 1952, at the record-breaking advanced championship age of 47. Later the same year, he won his first seat in Congress as a Representative from Everett, Washington, and has been re-elected to a second term.

Between these years, he became a law-school graduate and a twice-a-week businessman golfer.

He won such golf titles as French Amateur, Western Amateur, Pacific Northwest Champion. Three times he played on the Walker Cup Team against the British amateur champions, with another record-shattering difference of 21 years between his first and latest Walker Cup selection.

Jack's 5 war years in the Navy brought him out with rank of commander. But his golf brings him invitations to play with an admiral and with the commander-in-chief of our armed forces, President Eisenhower.

"At 6, a boy or girl is too young to be told all the great things golf can bring into your life," Congressman Westland explains. "I'm just giving our son, Tim, a happy introduction to the game itself."

[*Turn to next page*

Photographs: Cameramen, Inc.

Westland made golf fun for Tim right from the start, by putting against him with shell balls into this putting board, then comparing scores. This game can be played into drinking glass turned on its side on carpet or lawn. Mrs. Westland approves of golf for her son

ALUMINUM

for strong, lightweight, rustproof

OUTDOOR FURNITURE

There's one kind of outdoor furniture that ignores the weather, looks good for years. That's *aluminum* outdoor furniture. Aluminum is strong, lightweight, literally *care*free because it will never rust, never warp, never rot.

Now's the time to visit your favorite dealer for comfortable and *care*free aluminum chaises and gliders and chairs that are easy to move around, easy on the eye, easy on the pocketbook . . . aluminum furniture that lives outdoors and likes it.

Reynolds supplies quality aluminum to the leading manufacturers of fine outdoor furniture. These are the names to look for when you buy for better living—outdoors.

THE BUNTING COMPANY, INC.

ARACO COMPANY
ARVIN INDUSTRIES, INC.
COMFORT CRAFT
FALCON-IMPERIAL CORP.
FLEETWOOD-AIRFLOW, INC.
GENERAL SEAT & BACK CO.
KALAMAZOO FURNITURE CO.
THE LOGAN COMPANY
NEWBURGH METAL MFG. CO.
P. B. R. MANUFACTURING CO.
SIESTA, INCORPORATED
SOUTHERN SPRING BED CO.

The Finest Products Made with Aluminum are made with REYNOLDS ALUMINUM

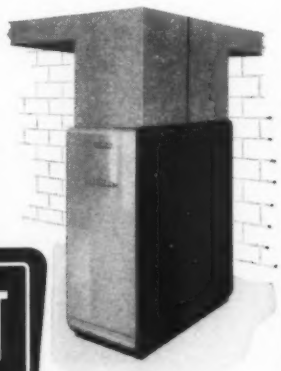
SEE "FRONTIER", REYNOLDS EXCITING DRAMATIC SERIES—SUNDAYS, NBC-TV

The game's the same...
a good heating system
makes the difference!

Discomfort can be embarrassing. Why not treat everyone in your home to the comfort and pleasure of quiet, even heating with a General Motors Delco engineered heating system! Just set the Delco thermostat to your "comfort zone." You're sure of the *right* temperature, *automatically*, without annoying variations.

GM Delco engineering assures you the maximum in heating efficiency . . . years of low-cost, trouble-free service.

Whether you plan to build, modernize, or replace your present furnace with gas or oil heating . . . it will pay you to ask about Delco-Heat. Send the coupon below, or call your local Delco-Heat Dealer.



GM DELCO-HEAT
Product of General Motors

Find Your Nearest Dealer in The "Yellow Pages"

Listed under "Furnaces," "Gas Burners," or "Oil Burners."

Delco Appliance Division, Dept. B1
General Motors Corporation, Rochester 1, N. Y.
Please send me more information on Delco-Heat.
Name.....
Address.....
City.....State.....

Start 'em young at golf

Begins on page 12

Marcia Westland explains her success as a golfer's wife this way: "I'm honestly glad Jack is a sportsman (he also likes hunting). I knew he was a sports enthusiast before we married. Golf gives him the same tonic from work that a nap gives me. Another compensation (since I'm cheerful about his golfing) is that he'll go along on things I want to do—the symphony, for example."

A serious-minded adult might begin by practicing driving at a driving range or the driving tee of a golf course. But Jack Westland prefers the game approach for a child.

"As soon as I showed Tim the proper stance and grip, we started playing at home with a numbered putting gadget. He tried to putt into it. Then I tried. He read the numbers and called out how we did."

"If in doubt about correct club length for your child, ask the salesman or a golf pro," Jack Westland says. Either child's sizes or women's clubs cut down will do.

Clubs which are too short will start a child in the bad habit of bending or reaching for the ball. Congressman Westland says, "Better buy the clubs a little too long. It won't hurt your child's playing a bit to slide his hands down the shaft of a too-long club."

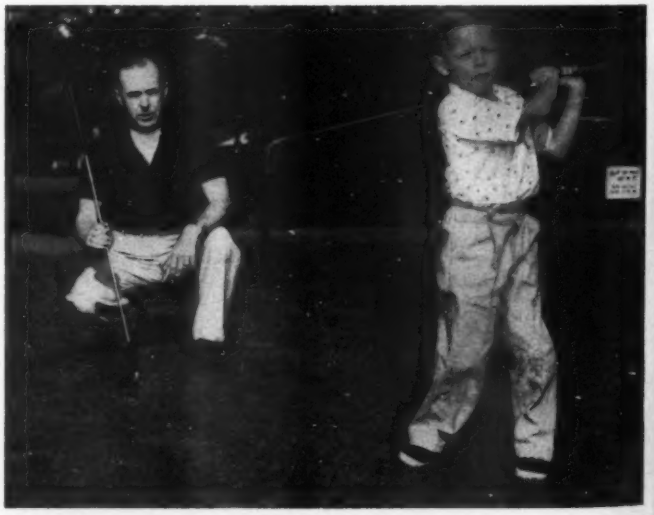
For the adult beginner, half-hour lessons are amply long, Jack believes. And he points out that a child's interest span is shorter.

A child would get tired walking the 5 miles of an 18-hole round. Worse, he'd get bored stiff. "Take him out to the course and let him play one or, at the most, two holes," Jack advises. "Then let him go read a comic book while you finish."

Before 10 or 12 years of age, a

[*Turn to page 50*

When Tim could putt fairly well, Congressman Westland took him out to a golf course and showed him the correct swing and follow through with an iron. Then Tim played one or, at the most, two holes



After putting, then longer shots, Tim was ready for driving. After a few practice swings, he teed up and drove toward the first hole. Jack Westland advises against prolonged driving practice for a child

Gold Bond "Improve Your Home" Contest

$25,000.00 in prizes

for finishing this sentence . . .

OPERATION '56 the year to FIX HOME IMPROVEMENT

Operation Home Improvement is a nation-wide campaign designed to help Americans improve their homes.

THIS IS YOUR ENTRY BLANK

"I would like to improve my home with Gold Bond Asbestos Siding because . . ."
(Complete in 25 additional words or less)

.....

.....

.....

.....

Name _____

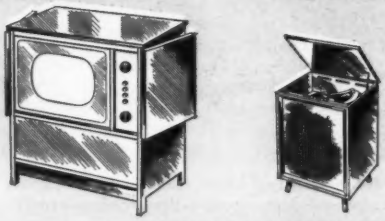
Street _____

City _____ *Zone* _____ *County* _____ *State* _____

Mail this to: Gold Bond Contest, P.O. Box 57B, Mount Vernon 10, New York

1,419 PRIZES

1ST Prize	$10,000
2ND Prize	$ 1,000
3RD Prize	$ 1,000
4TH Prize	$ 1,000



5 Prizes ..... CBS 21-Inch Color TV Sets

10 Prizes . . . CBS High-Fidelity Phonographs

100 Prizes ..... General Electric Toasters

300 Prizes ..... General Electric Irons

1,000 Prizes . . Black Wrought-Iron Hot-Dish Holders

THIS IS THE CONTEST YOU CAN WIN!

Follow these simple rules

1 In 25 additional words or less, complete the statement, "I would like to improve my home with Gold Bond Asbestos Siding because..." Use entry blank in this ad or write on plain paper. Print name and address plainly.

2 *Mail entries to:*
Gold Bond Contest
P. O. Box 57B
Mount Vernon 10, N. Y.

3 All entries must be postmarked not later than May 31, 1956, and received not later than June 11, 1956. Send as many entries as you wish, but only one prize to a family. Each entry must be the original work of entrant submitted in own name. Use adequate postage.

4 Prizes as listed will be awarded in accord with judging by the independent and impartial staff of The Reuben H. Donnelley Corporation, and on the basis of originality, interest and aptness.

5 In the case of ties, duplicate prizes will be awarded. Judges' decisions are final. All entries become the property of National Gypsum Company to use as they see fit, and none will be returned.

6 Contest is open ONLY TO HOMEOWNERS who are residents of the continental U. S., except these states: California, Utah, Washington, Oregon, Idaho and Nevada. Employees of National Gypsum Company, its advertising agency, the judging organization and their immediate families are excluded. Subject to all federal, state and local regulations.

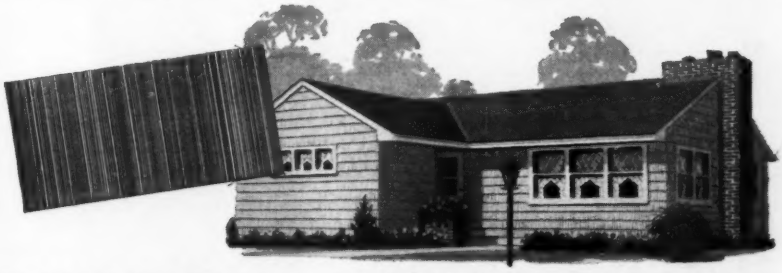
7 Winners will be notified by mail. Prize winners' list available approximately six weeks after close of contest to those sending stamped, self-addressed envelope.

It's easy! It's fun! Nothing to buy!

Here's your golden opportunity to win a big cash prize. This contest is fun . . . it's easy to enter . . . and, best of all, there are 1,419 prizes!

Simply complete the sentence in the entry blank using 25 additional words or less. Here's a sample to show you just how easy it is: "I would like to improve my home with Gold Bond Asbestos Siding because these fireproof shingles come in 7 lovely colors, will make my home permanently beautiful, and will never need painting for preservation."

Read below how Gold Bond Asbestos Siding can beautify your home, then enter the "Improve Your Home" Contest. Good luck to you!



Gold Bond Siding goes on right over your old side walls! Transforms even an old house into a beautiful modern-looking home.

- **Exclusive "Surfaseal Finish"** locks in color, locks out dirt, smoke, weather.
- **Seven beautiful pastel colors** and white—to choose from.
- **You'll never have to paint again!** Gold Bond Siding requires no preservative treatment . . . no upkeep.
- **Fireproof.** Made of asbestos and cement, inorganic materials that can't burn.
- **Pestproof.** Can't be harmed by rodents or termites . . . can't rot or deteriorate.
- **Easy terms.** You can make your home beautiful at a price you can afford!
- **Backed by the most dependable name in building products**—Gold Bond, by National Gypsum Company.

Gold Bond® ASBESTOS SIDING

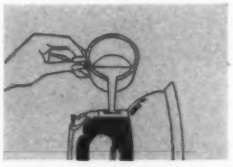
National Gypsum Company, Buffalo 2, N. Y.

faster smoother

on any fabric

. . . because Hoover gives you the lightness of aluminum plus the smoothness of a STAINLESS STEEL SOLEPLATE.

Ironing still won't be a picnic. But it will be a lot easier with a new Hoover steam-or-dry iron. Because the soleplate is stainless steel (so smooth and durable), it actually glides over any kind of fabric. And, because this stainless steel is bonded to aluminum, the iron is light and easy to handle. See what Hoover has done to make ironing easier.



Use tap water if you like. Extra-large tank holds enough for 45 minutes of steam ironing.

Big safety-set dial. No guesswork to it. You set dial and steam-iron with complete peace of mind.

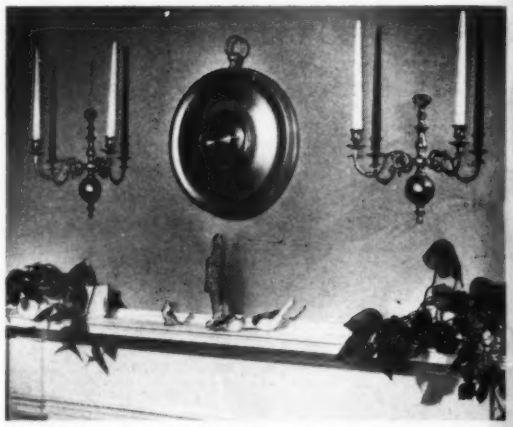
HOOVER®

FINE APPLIANCES

. . . around the house . . . around the world

Make the most of

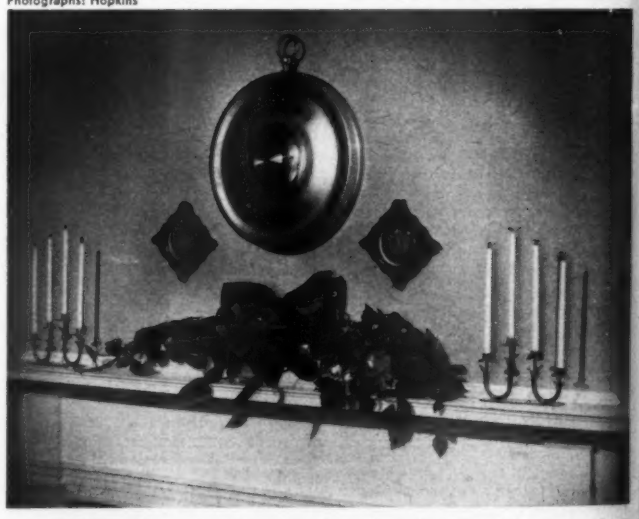
- Choose objects that fit style of room.
- Use harmonizing colors, shapes, textures.
- Scale arrangement to furnishings nearby.
- Balance the arrangement visually.
- Keep the effect uncluttered, orderly.
- Let one object of a group dominate.



WRONG. All of these accessories are lovely and usable somewhere, but together the arrangement is not pleasing. The sconces and candles are too prominent for the space, therefore detract from the clock. The rectangular, loose arrangement of the group is uninteresting and top-heavy.

The plants are unrelated in shape and placement to the rest of the group. The glass figure shows poorly in this spot; the birds are too small in scale, carelessly placed.

Photographs: Hopkins



RIGHT. The same plant containers have been used, but moved together for unity and a massed effect of leaves. The triangular shape of the whole arrangement makes the clock important.

The small pictures complement the clock shape and repeat the brass of the clock and candleholders. Each side of this arrangement is identical, making a formal or symmetrical balance.

your accessories

WRONG. It's easy to see what's wrong with this coffee-table arrangement. Imagine trying to talk around this huge bouquet. It overbalances one end of the table, and the Contemporary vase is not in keeping with Traditional pieces.

The magazines are placed at an awkward angle. The scattered smoking accessories leave no room to put a serving tray down. The small parrot adds to the cluttered look.

RIGHT. Here the flowers have been arranged in a simple container that follows lines of the table, is in scale with it, and allows easy conversation. Informal balance is used with heavy-appearing objects near the center, lighter-looking objects near table ends.

Edges of magazines parallel lines of table, and grouped smoking accessories give usable table-top space.

Ultra-refined CLOROX is so gentle you can use it on nylon and rayon the same as on cotton and linen!

CLOROX is extra gentle because it is Ultra-refined, free from caustic, made by an exclusive patented formula!

Extensive scientific tests prove that white 100% nylon and rayon can be Clorox-laundered *every time*... the same as you launder white cotton and linen. Clorox also disinfects, deodorizes and removes stains from the above fabrics... and Dacron, Orlon and Dynel, too.

And millions of women know that Clorox, used in routine cleaning of bathroom and kitchen, not only removes stains and deodorizes, it provides a type of disinfection recommended by hundreds of public health departments.

Here's a wonderful new way to whiten "age-yellowed" nylon!

Use this easy, exclusive Clorox method*: Add 2 tablespoonfuls Clorox to 1 gallon warm water; then add 1 teaspoonful household vinegar; mix well. Immerse clean nylon 15 to 30 minutes; then rinse well. Repeat if necessary.

*Patent Applied For

Every time you use CLOROX you protect family health!

© 1956, Clorox Chemical Co.

designed

for your new home

ROTO-GLO
QUIET SWITCHES

ROTO-GLO glows softly in the dark, pin pointing the location of light switches.

ROTO-GLO is new and smart appearing with modern functional design. A gentle quarter-turn of the knob turns lights off or on.

ROTO-GLO switches are whisper-quiet, no loud clicking noise so familiar with old-fashioned lever switches.

Tell your contractor or architect you want the finest . . . insist on ROTO-GLO . . . the difference in cost is only pennies.

Write today for "Modern Electrical Living," a 24-page booklet on home wiring devices. Send ten cents to Dept. BHG-4.

P&S

PASS & SEYMOUR, INC.
Syracuse 9, New York

SECOND IN A SERIES . . .

What to look for in draperies

Buying draperies isn't a chore any more. Fabrics are more sun resistant. Greater color and pattern variety make it easy to key draperies to other home furnishings, and your stores offer more services

How will you spend your drapery dollar?

• ***Ready-mades*** make it easy to buy and hang draperies all on the same day. They are usually the least expensive. You put on the hooks, join several pairs to cover large glass areas, perhaps adjust the hems, then hang them.

• ***Semicustom-mades,*** available in four or five standard widths, can be ordered from sample panels hanging in your store. The manufacturer hems them to the length you have measured, and about 3 weeks later the draperies arrive, ready to hang. Price depends on whether lining is used, fabric quality. Most stores will install any draperies and hardware for you for an additional fee.

• ***Custom-made draperies*** are sewed to your specifications in the store's workroom. A salesperson brings samples to your home where it's easier to make a choice. An estimate of cost of fabric, lining, findings, and labor is figured from the measurements taken. Then the fabric is ordered if it's not on hand. In about a month to 6 weeks the draperies are complete.

Naturally best quality will cost most, but dividing total cost by number of years that you expect to use your draperies certainly justifies buying quality fabrics and workmanship. Follow steps below—they'll help you to buy correct size, know quality, keep draperies new looking.

Measure accurately to get the correct size

You may decide to extend your draperies beyond the window frame to let in more light and air, or to get the big-window look. Put up the rod or decide the amount of wall you want the rod to cover, then measure with a steel tape as the arrows indicate. Be accurate!

If you can't decide how far to extend your draperies, measure the window width between the outside edges of the window frame, and ask the advice of your salesperson. Measure all the windows; they may vary slightly in size or be placed differently on the wall.

Photographs: Hopkins

When you measure for length, especially in new or unoccupied houses, don't forget to allow for the thickness of your rug and pad if they will be laid wall to wall. As you can see, the measurement could be off about 1¼ inches. (The ¼ inch more than measuring tape shows is to keep the draperies from dragging on the rug.)

Measure from the place the draperies are to be hung —top of woodwork, ceiling, or cornice board.

More on page 20

New Robin Hood Diaper

by Chix®

FREE

WITH THIS EXCLUSIVE

dreft offer

Cute, tiny Robin Hoods in gay colors romp all over these absorbent gauze diapers—designed by Chix exclusively for new pink Dreft. Darling for *your* baby! Make the cutest baby gift! Order plenty—you cannot buy them in any store!

EACH ROBIN HOOD DIAPER FREE with one box top of regular-size package of Dreft *plus* one box top of giant-size Dreft package.

OR ONLY 25¢ with one box top of any Dreft package.

Detail and colors of Robin Hood diaper design

Guaranteed by Good Housekeeping

The makers of CHIX recommend new pink Dreft for keeping diapers clean and soft—so safe for baby

No wonder the Chix Baby Products people of Johnson and Johnson recommend pink Dreft for their famous diapers. It gives complete cleaning, yet it's safer than the mildest soap! Indeed, you'll discover, with new pink Dreft for *your* washing machine, there's no more need to trust *any* of your special-care washables to "work clothes" suds!

THIS COUPON MAKES ORDERING EASY

Fill out and mail to: Dreft, Dept. B, P.O. Box 14, Cincinnati 1, Ohio

For each Robin Hood Diaper **FREE**—send 1 giant-size and 1 regular-size Dreft box top.

OR ONLY 25¢—with 1 Dreft box top, any size. (Send coin, no stamps. Order as many as you want.)

Allow 3 weeks for delivery

PRINT NAME _____

ADDRESS _____

CITY _____ ZONE _____ STATE _____

OFFER GOOD ONLY IN CONTINENTAL UNITED STATES (INCLUDING ALASKA) AND HAWAII. OFFER EXPIRES OCT. 31, 1956

MORE BEEF*

Now, your dog will prefer... **Ideal**

or your money back!

*More beef in Ideal—more than in any other leading dog food—more than the United States Government requires to Certify Ideal a normal maintenance ration!

More beef means better appetite appeal. Your dog or cat will love Ideal, prefer it over any other dog food or money back. *Ideal gives them Pets Appeal* and provides complete nourishment for a long, happy, healthy life. All for pennies a day!

No other dog food offers so much—no other dog food guarantees *your* dog prefers it. All dogs and cats need some Ideal regularly as health insurance.

Feed more than just

HALF A DOG!

©1956

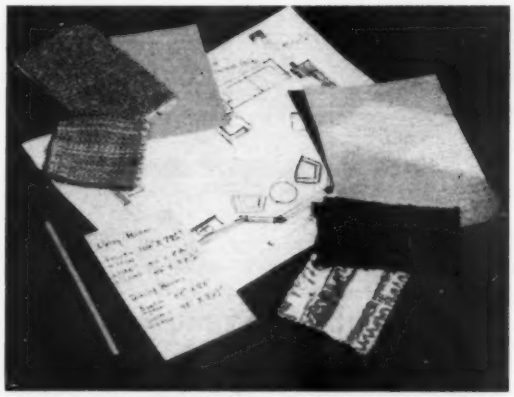
"Ideal gives them Pets Appeal"

WILSON & CO. INC.
MEAT PACKERS
Chicago

What to look for in draperies

Begins on page 18

Take swatches and measurements to store



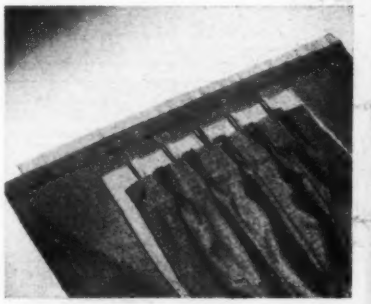
From the measurements your salesperson can estimate the number of widths of fabric and the total yardage you will need, or tell you what size ready-mades to buy.

Draw a floor plan of your room and gather swatches of the carpet, fabrics, wall color you are going to keep (or the closest matching colors from a magazine).

Look for quality in ready-mades

The dark panel is wider (A) than the other, even though side hems are wider. However, the width across the pleated heading (B) is less because more fullness has been put into the pleats.

Draping quality of fabric, blind-stitched hems, selvages removed from the sides, turned-in side hems, matching thread, and neat corners are other signs of quality.



Ready-made draperies usually measure about 48″ across pleated heading to cover windows up to 40″ wide. You can join several widths by overlapping the edges and putting pin-hook through headings.

The draperies shown have a special "buttonhole" that allows the hook to poke through the bottom panel and into the heading of the top panel.

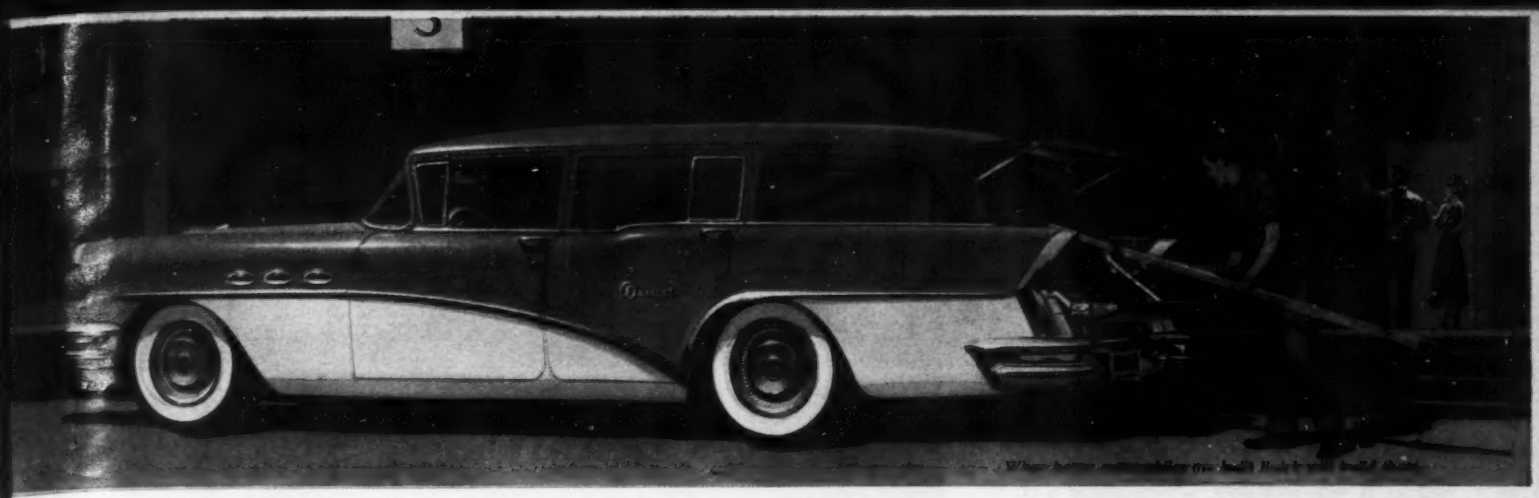
Neatest way is to open side hems, stitch together.

Looking in from outside the house, you can see one good reason for lining draperies. Lining gives windows a uniform outside appearance, protects your draperies from the sun, makes them hang better, gives additional privacy.

If you like sheer draw draperies for daytime use, you may want to put the lining on a separate draw rod to close at night and during the sunniest hours of the day.

With lining Without lining

More on page 23



For working plain and traveling fancy

(and what a buy it is now!)

YOU'RE sure beginning to see a lot more Buick Estate Wagons on the highways and byways than ever before.

And there are two very good reasons why that is so.

First, this handiest of Buicks is a honey for beauty – and a bear for duty. With the greatest of ease, it handles just about any load-and-carry job you could give it—from transporting six full-grown passengers *and* their gear—to packing all the paraphernalia of any camping, hunting, fishing or shopping trip.

But the *other* reason is a brand-new one that you may not have heard about. It's this: *The price of the Buick Estate Wagon has been substantially lowered for 1956.* And that goes not only for the high-stepping CENTURY but also for the already-low-priced SPECIAL shown here.

So, *naturally,* many more folks can now have the sweep-ahead styling and the stretch-out roominess of this versatile "wagon"...

Plus the flash-fast response of Buick V8 power—and the buoyant, steady, solid comfort of the Buick ride—and the spectacular performance and gas savings of Buick's advanced new Variable Pitch Dynaflow.*

Is that the kind of combination *your* family needs—for work and play and thrift?

Would *you* like a flat and level load-platform 83 inches long with the rear seat folded down and the tail gate closed—or 99.6 inches with it open?

Would *you* fancy the option of a folding rear seat that comes in a split-section arrangement to provide room not only for rear-seat passengers but *also* for extra-long loads?

Then, Mister, a Buick Estate Wagon is for *you* – and now at a new low price that makes it the high-fashion buy of the whole "wagon" train.

Drop in on your Buick dealer—this very week—and he'll fill in the details.

BUICK *Division of* GENERAL MOTORS

**New Advanced Variable Pitch Dynaflow is the only Dynaflow Buick builds today. It is standard on Roadmaster, Super and Century—optional at modest extra cost on the Special.*

SEE JACKIE GLEASON ON TV—Every Saturday Evening

Best Buick yet

All new G-E Thinline Air Conditioner takes up ⅓ less space!

G-E Thinline is 16½ inches "thin"... no unsightly overhang!

Why swelter when you can switch from hot, humid misery to cool, cool comfort with a G-E Room Air Conditioner!

HERE is a completely new concept in room air conditioners that offers top performance, yet actually takes up one-third less space than previous corresponding models.

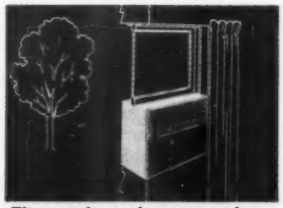
It fits flush with your inside wall, yet has no unsightly overhang outside. And not only does it offer you amazing cooling capacity and dehumidification—its High Power Factor Design *assures economy of operation!*

You have a choice of many different comfort-conditions just at the flick of a finger. Delightfully cooled, filtered air pours quietly into your room, makes your days and nights comfortable all summer long! See your G-E dealer today for a demonstration—he's listed in your classified phone book.

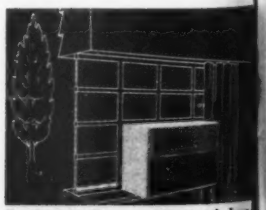
General Electric Company, Room Air Conditioner Department. Appliance Park, Louisville 1, Kentucky.

Most models available in Canada.

With a G-E Room Air Conditioner you choose your own weather with the flick of a finger. Knobs on top grille control 3 air directors, send cool, twice-filtered air to all parts of your room. Jet Air Freshener freshens your room in seconds.



Fits anywhere—in upper or lower sash. Can be mounted flush with inside wall as shown here or all-outside to allow windows to be closed. All inside installation is ideal for use in offices.



Look—it fits casement windows, too. The G-E *Thinline* can be installed in casement windows, without altering or defacing the windows. It can even be installed through any outside wall.

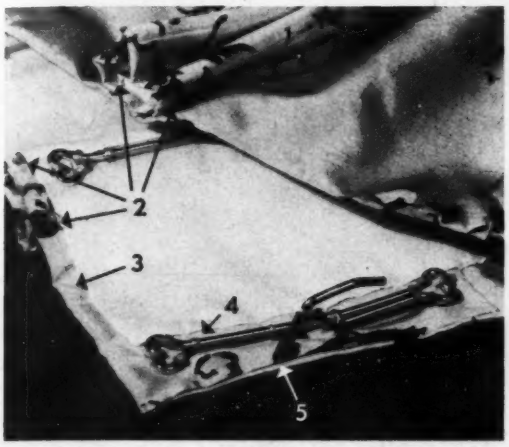
Progress Is Our Most Important Product

GENERAL ELECTRIC

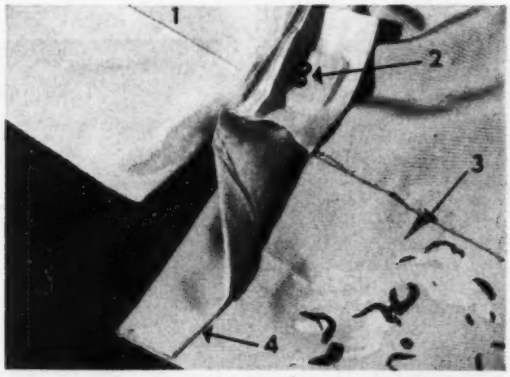
What to look for in draperies

Continued from page 20

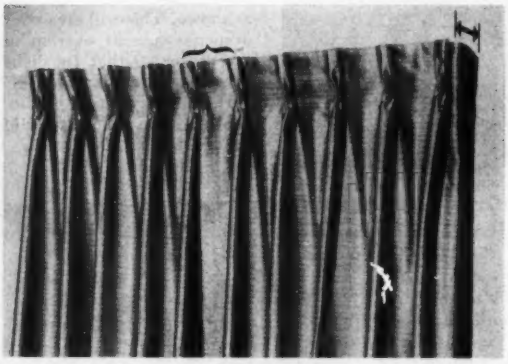
Check custom-made extras before deciding



1 and 2. Pinch pleats tacked by hand. 3. Lining extends to top of drapery, fabric is turned over twice (stays smooth after cleaning without stiffening inside). 4. Hooks fastened in several places. 5. Blind-stitched corners for neat look



The inside story at the bottom of the drapery: 1. Firm lining with ample hem. 2. Weights caught into each corner. 3. Deep, blind-stitched hems (either by hand or machine). Double hems for added weight. 4. Neatly finished corners



Since custom-draperies are made to fit your windows, they hang with no excess fullness between pinch pleats. They are spaced the same, even in the center where panels overlap. They cover the rod and brackets, extending to the wall

More on next page

Your club group can get lots of ideas for exciting new window treatments from *Better Homes & Gardens* color filmstrip "Well Dressed Windows"

Save $1.50

on this special pierced serving spoon

regularly $2.50 retail

you pay only $1.00

ACTUAL SIZE! Every home needs this gracious, pierced serving spoon! It drains and serves moist vegetables, salads and desserts properly . . . will enrich your table setting whether you have a silver pattern or a miscellaneous set! Choose the pattern you like best, now. Mail coupon, today!

It's made of new DeepSilver! That's why Holmes & Edwards makes this amazing offer! This serving spoon is more than a great value . . . it's news! Because it's made of new DeepSilver . . . the only silverplate in the world inlaid with sterling as well as lavished with extra silver all over! Holmes & Edwards wants you to see it in your own home . . . hold it in your own hands. But this offer is limited . . . so mail the coupon now.

Mail coupon now with $1.00

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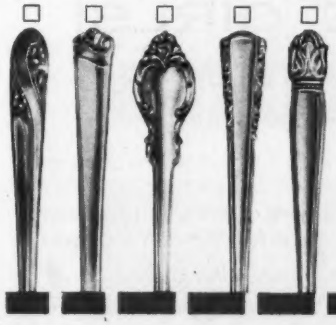

Promotional Service Inc.,
P.O. Box 262, Wallingford, Conn.

I enclose $_____ ($1.00 for each of the patterns I've checked.) Order as many spoons as you wish at $1.00 each. Send check or money order; no stamps, please.

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Offer good only in continental U.S.A. till June 30, 1956.

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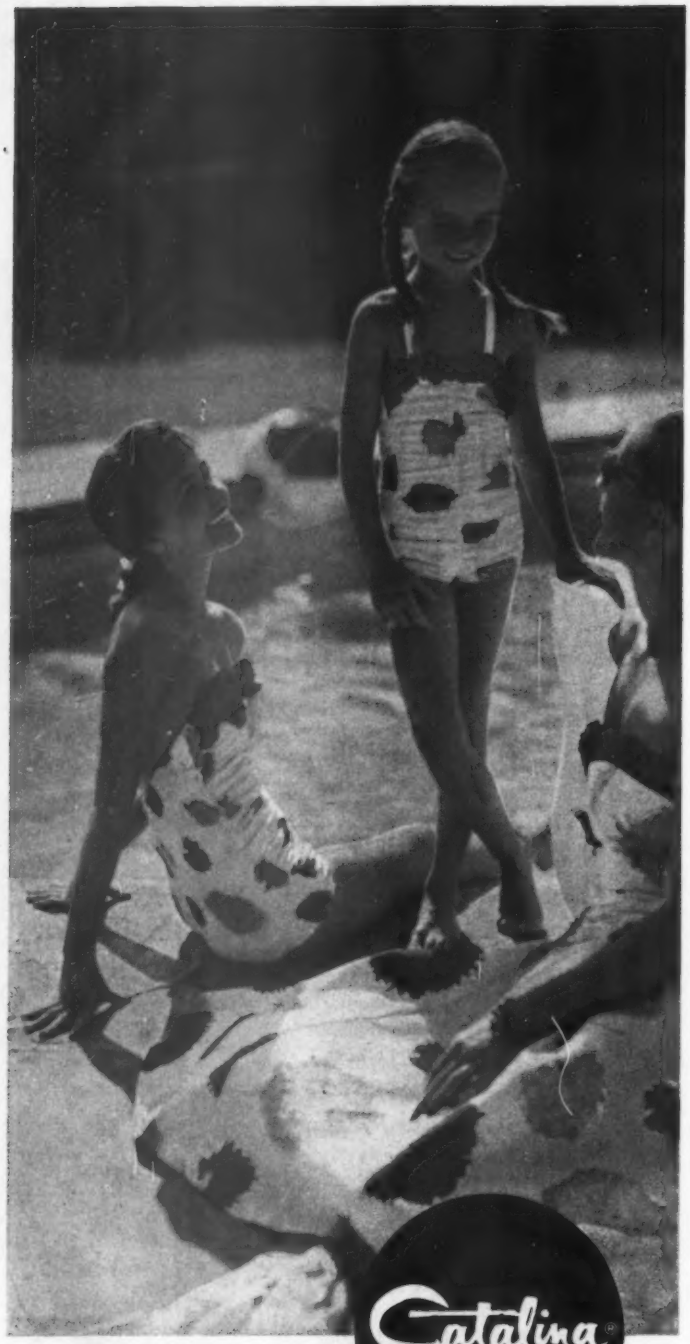

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Dad will want to swoop his girls up in a bear hug when he sees them in Catalina's "Flower Show" –fresh, white Fullerset cotton bedecked with carnations.

SISTER'S SUIT (7/14)-$5.98
MOMMY'S SUIT-$12.95
SUIT & SKIRT ENSEMBLE-$25.00
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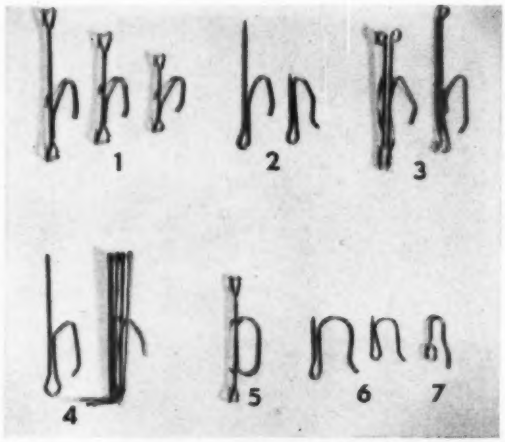
For name of store nearest you, write: Catalina, Inc., Dept. K-1, Los Angeles 13

A division of Julius Kayser & Co.

What to look for in draperies

Continued from preceding page

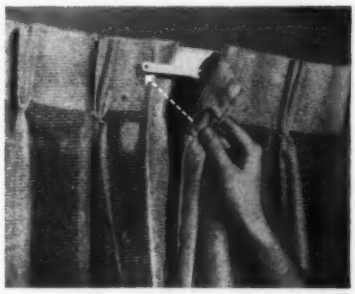
Tips on hanging and care of draperies



Right hooks make draperies hang correctly. 1. Sew-on hooks for draw rods—sized to fit depth of heading. 2. Pin-on hooks for draw rods. 3. Non-sew hooks. 4. End and pleater hooks for pleating tapes. 5. Sew-on hook for hand-pull draperies on oval rods. 6. Pin-on hooks for stationary draperies. 7. Sew-on hook for draperies hung from ceiling

Label fiber content of your draperies while they're still new, so your cleaner will know best way to clean them. Write with permanent ink on strip of cleanable, iron-on tape—or sew on a cloth label.

Even though they are fast color, draperies should be dry-cleaned because they are difficult to iron, too heavy to handle when they're wet.



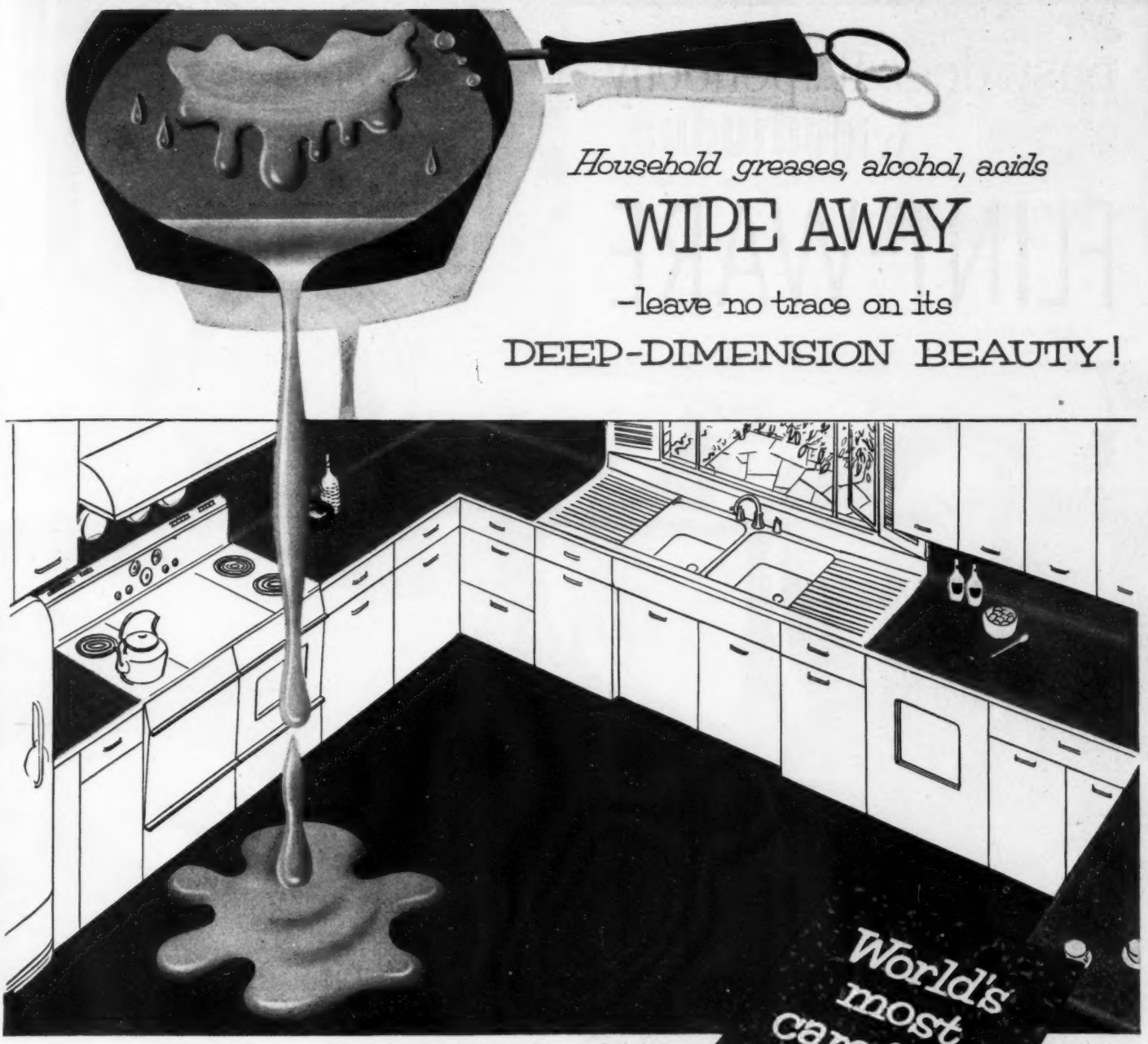
Hang ready-made draperies on traverse rods like the professionals do, so that the last two hooks in the center are placed into master carriers, as shown. This will give your draperies a neat overlap in the center so that the light doesn't peek through.

If pinch pleats tilt forward, hooks are too near bottom of the pinch pleats.

Here's another way to get the professional look to your draperies. Run your hand up and down, gently creasing the fabric into folds between your fingers. Then loosely tie them with strips of fabric.

After a few days, remove the fabric strips and draperies will fall naturally into folds.

Watch future issues of Better Homes & Gardens for tips on buying blinds



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Imagine a floor on which spilled grease, common household acids, and even most medicines won't leave a permanent stain – a floor that won't harbor tracked-in dirt and grit – a floor that retains its rich, colorful beauty.

That's Goodyear's new *deep dimension* TERRA-TONE Vinyl Flooring – now being installed in so many bedrooms, nurseries, living rooms, game rooms as well as in kitchens, baths and halls; in fact, every room in the home. *It's Goodyear Vinyl, the world's most carefree flooring!* The striking TERRA-TONE pattern itself is so carefully casual, it helps keep soil from showing.

Choose from nine smart new TERRA-TONE designer colors now at better flooring dealers' everywhere. Write for free TERRA-TONE color folder. Goodyear, Flooring Dept. Q-8312, Akron 16, Ohio.

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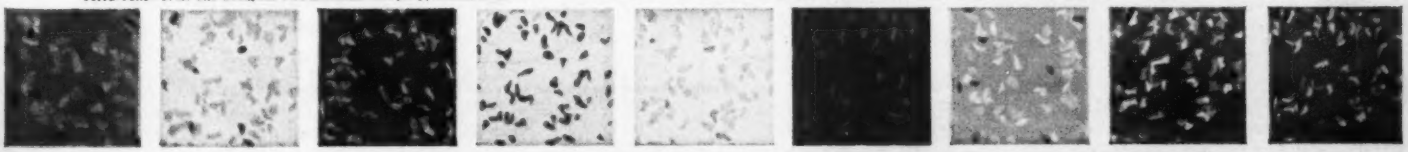

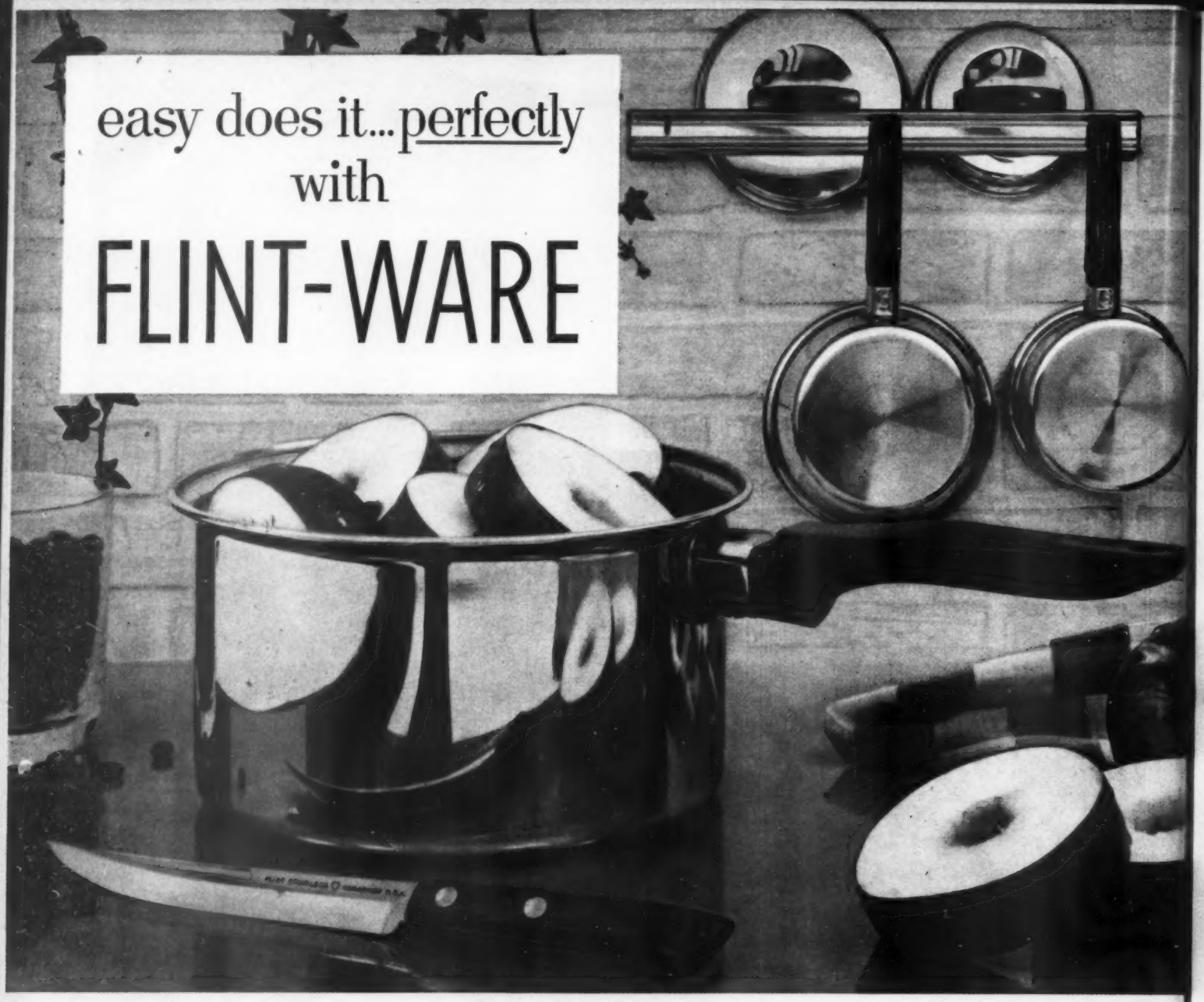
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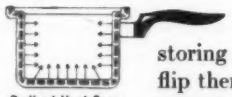
Vanadium stainless steel cookware with exclusive

Radiant Heat Core to ease up...speed up your work!

WHAT a cookware! Makes all others old-fashioned! Flint-Ware's Radiant Heat Core spreads heat not just across the bottom like other cookware, but around the sides and up to the top of every pan! You'll never see it, because it's invisible, but you'll see the results in faster, more even cooking.


Radiant Heat Core spreads even heat!

Flint-Ware washes clean easy as dishes, too. It's vanadium stainless steel that cleans without scouring . . . gleams without polishing. Won't tarnish ever. Easy cleans it . . . perfectly!

And Flint-Ware's self-storing lids are a joy forever! Just flip them over! They fit right in the pan they belong to! Hang up, cover and all, or stack compactly!

Flint-Ware is the only cookware ever guaranteed for 15 years. Available in gift-boxed sets and 30 open stock pieces. Set above includes 1 and 2 qt. covered saucepans, 7" skillet (cover of saucepan fits skillet), plus rack, $20.95.

Whenever you need a gift, give Flint-Ware to put any woman in seventh heaven.

Available wherever fine housewares are sold throughout the United States and Canada

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...the greatest FLINT *names in housewares*

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These FOODS are NEWS!

Cakes, frostings, cookies, pies

Quick 7-minute-type frosting mix is a newcomer. It makes a soft, glossy, fluffy white frosting. Keeps well, too. Simple to fix—just add boiling water and beat in warm bowl with an electric mixer, or beat with rotary beater over hot water. Takes about 5 to 7 minutes' beating. The 7½-ounce package will frost two 8- or 9-inch layers, a sheet cake, or 24 cupcakes.

Angel-food mix with pretty multicolored confetti flecks throughout is ready for a party. Makes a large, light, moist cake with cherry-almond flavor. Two containers are packed together—one with egg-white mix (includes whites of 13 eggs) and the other with flour mix. All you add is water. The 1-pound 1-ounce package gives a 10-inch angel cake.

Two new brownie mixes are in the stores. One is for fudge brownies and the other for "blondies." You can bake the cakelike or the chewy kind with either mix. About 3 dozen brownies from each 1-pound package.

Instant butterscotch cake mix makes an airy, moist cake with delicious brown-sugar-and-butter flavor. Just one mixing step is needed—everything goes into the bowl at the same time. The 1-pound 3-ounce package will make two 8- or 9-inch layers, a 9-inch square, large sheet cake, or 2½ dozen cupcakes.

Low-calorie cake mixes—for golden cake and for chocolate-flavored cake—complete with fluffy-frosting mix, are the last word for weight watchers. You can have your cake, and cut your calories, too—by about one-third—with these frosted cakes. The 16½-ounce package gives an 8- or 9-inch frosted layer cake.

Canned pie fillings and pie-crust mix come in a combination divider-pack. Five fillings are available: apple, French apple (apple and raisin), blueberry, cherry, and raisin. You just stir milk into pie-crust mix; roll out; add filling and bake. Each can makes an 8- or 9-inch pie.

Extras

Instant nonfat dry milk is now more concentrated, due to a newly developed process. As a result, the same size jar which used to contain 9¾ ounces and made 3 quarts, now contains 13 ounces and makes 4 quarts. Also comes in a 2-pound 7-ounce package (12 quarts when reliquefied). Easy to mix—place required amount in container; add cold water and stir.

Frozen creamed onions are a nice addition to the frozen-vegetable selection. Each 12½-ounce can contains 14 to 16 small cooked onions in a rich white sauce—two or three servings.

Frozen herring cutlets in plastic containers have been introduced recently. They come in either sour cream or wine sauce—a delicious appetizer or hors d'oeuvre.

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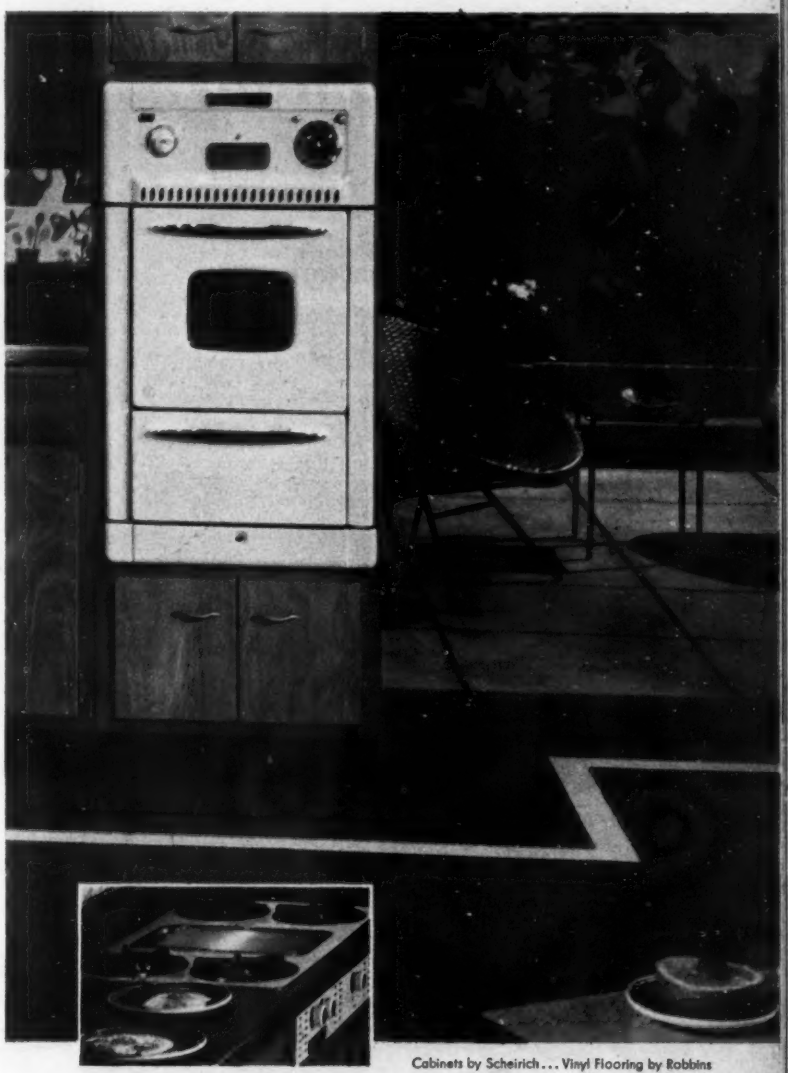

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Please send me free literature on Suburban ☐ Gas ☐ Electric.
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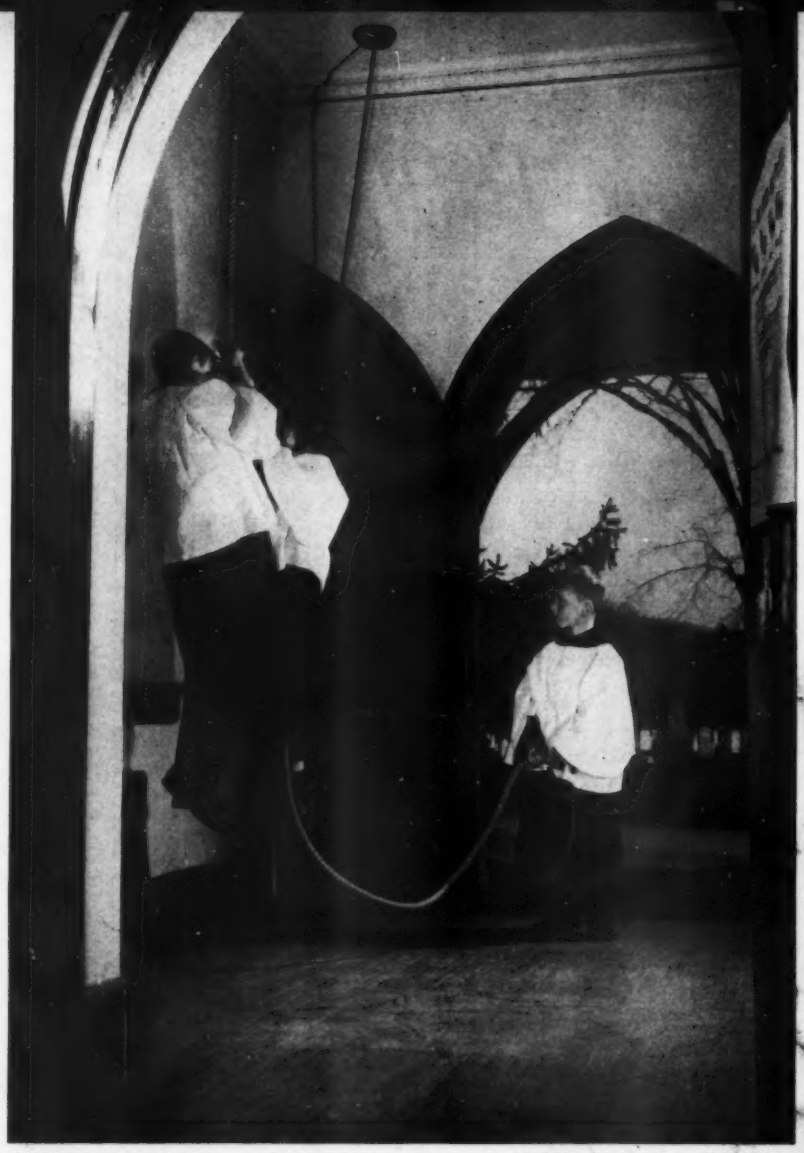
Name_____ Address_____

Who wants to teach Sunday school?

A layman (who didn't want any part of it) describes what you can let yourself in for—if you just "put your hand to the plow" and refuse to look back



Kids love to ring the 75-year-old bell. It is so heavy that it pulls them right off the floor

Photographs: Harriet Arnold

During morning service, Sunday school marches down aisle to classes

The Rev. Robert S. Flockhart and author at Lime Rock post office, where story begins

By Edward D. Fales, Jr.

I came out of the dim, pleasant-smelling general store and post office in our little town one day. There on the front step, in the morning sunshine, stood our minister. "I want to talk to you," he said.

We stood and talked. Occasionally a car passed under the elms that shade our only street.

"This year we want a man to run our church school," he said, "and I'd like you to tackle the job."

The question caught me by surprise and he knew it. *Run a Sunday school?* It was the last thing I had ever [*Turn to page 31*

NEW_ the first really modern rose pattern

Silver Rose
in
Heirloom Sterling

CREATED IN THE DESIGN STUDIOS OF ONEIDA LTD. SILVERSMITHS

A beautiful revolution has taken place in sterling silver. Heirloom* Sterling creates fresh, lovely Silver Rose*—and suddenly you're seeing silver in a completely new way!

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Floor is Armstrong Corkstyle* Excelon Tile, Style Nos. 798 and 799.

the living room that moved to the garden

As a family grows bigger, the living room often seems to grow smaller. This is especially true if a corner of it serves as your dining room. Here, the space problem was solved by turning the old living room into an honest-to-goodness dining room and building a lovely new living room in the garden—right by the back steps. It makes an ideal family living room, with that big window and the striking plastic floor of Armstrong Excelon Tile that looks just like natural cork. You'll be surprised to hear that this luxurious floor is actually one of the most inexpensive floors you can buy. And you can easily put it down yourself, if you wish. But before you rush out to buy Armstrong Excelon Tile, here's a word of warning. It's so delightfully easy to clean that you probably won't be satisfied until you have it all through the house—and you can, for you'll find styles and colors to suit every room . . . in Armstrong Excelon Tile, the modern fashion in low-cost floors.

Free booklet shows Armstrong vinyl-asbestos Excelon Tile in other styles and colors and in other room settings. You also receive a list of the furnishings in this handsome "garden" living room. Write Armstrong Cork Company, 5605 High St., Lancaster, Pennsylvania. *Trade-mark

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Who wants to teach Sunday school?

Begins on page 28

Teacher Dollie Winterbottom—and the 71-year-old banner which was in tatters until the youngsters collected pennies to have it restored and framed

thought I might do. I begged off.

"Gosh," I said, "I appreciate the compliment, but I'm awfully busy and I'm afraid you wouldn't find me reliable. I'm away quite a lot, and when I'm here we have a lot of weekend guests."

He regarded me steadily, with a quiet smile.

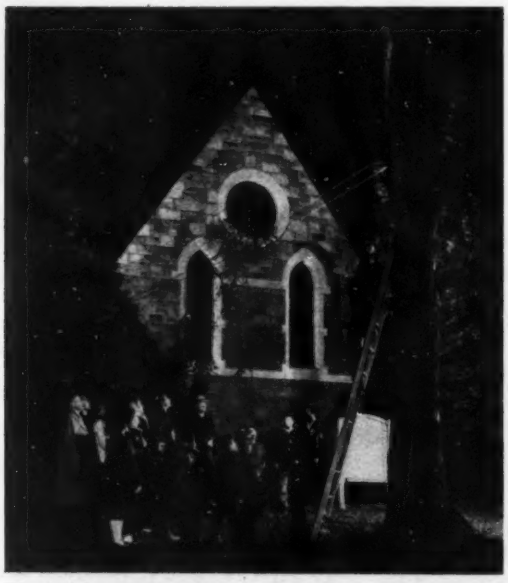
"Think it over," he said.

"Sure," I replied. And then I took refuge in that age-old dodge: "I'll talk it over with my wife."

He knew it was a dodge, of course. The truth is, I *was* extremely busy and had other responsibilities. But the truth also is: I didn't *want* to be a Sunday-school teacher, any more than I would have wanted to join a sewing circle. Even the title "Sunday-school superintendent," which I would have, sounded goody-goody . . . and therefore offensive. I happen to have a great affection for my church, especially our little country church which looks very much like Mrs. Miniver's. But Sunday school? I wanted no part of it.

However, I *did* talk it over with my wife, and I got together a list of six good reasons why I couldn't take the job. I managed to avoid

[*Turn to page 33*

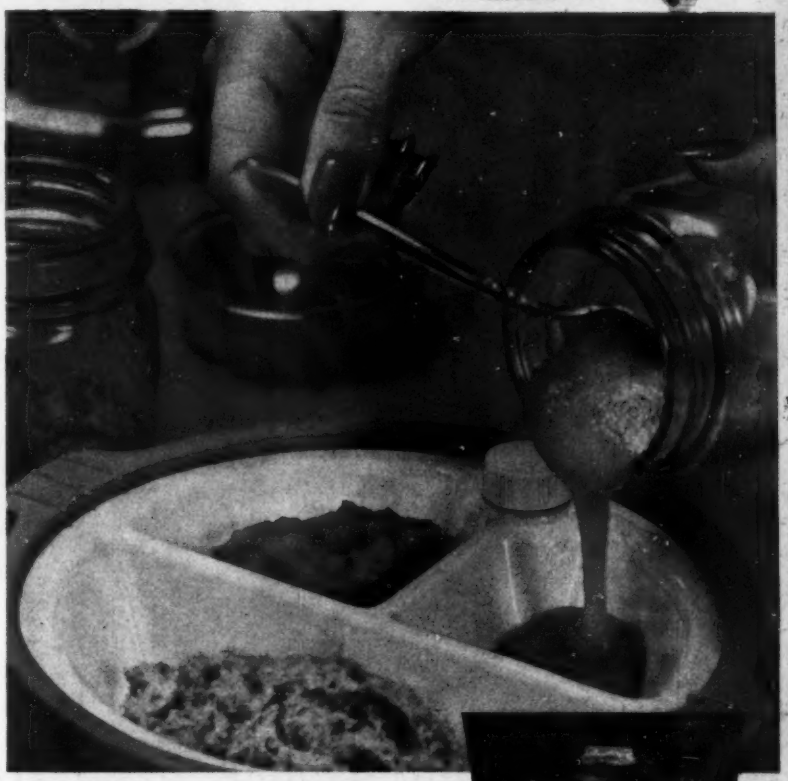


The kids' second project was to collect enough pennies for an ever-burning light to illuminate the church. After weeks of saving, they met one night to turn on the light—rigged on elm in foreground. Here, an adventurous youth tests for proper location. The kids are very proud of it

Save money...

while feeding baby

fresh family foods



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Completely assembled and packaged—ready to hang with just 8 screws!

***Priced as low as**

14.95
30-in. wide
48-in. long

Use Sears Easy Payment Plan or No Money Down on F.H.A. With Up To 36 Months To Pay

Also stocked in the following widths—each 60-inches long.
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96"—108"—120"—132"—144"

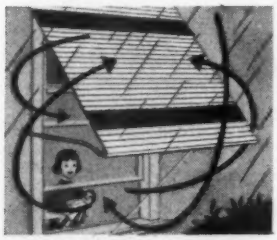
In your choice of green and white—burgundy and white—white and green

You'll like the good looks and convenience of these metal awnings! As easy to use as a shade; they even roll up by themselves! Tested in Sears laboratories, they rolled up and down over 20,000 times without failure—the equivalent of 20 years of service on your home! Have these awnings today at a price that's low even for Sears!

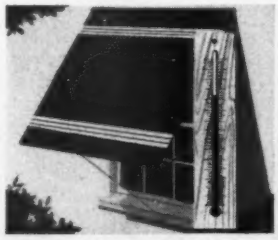
Call your Sears retail store for free measuring service; or see Sears catalog for how-to-measure instruction. If you wish, most Sears stores will install them for you.

SEE HOW EASY THEY ROLL
Just pull the cord to lower. Release it, and the heavy duty spring rolls up your awning automatically.

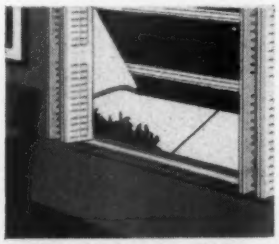
ROLL UP SNUG AND SAFE
For self-storage all winter! Or, let them guard you the year through from winter's sun and weather.



LET IN AIR WHEN IT RAINS
Keep your windows open in all but severest storms. Raise your awnings and let in light on gloomy days.



COOLER HOUSE IN SUMMER
Open sides let air circulate freely. Hot air pockets can't form. Awning roofs reflect infra-rays of the sun.



EXTRA SUN PROTECTION
You can lower awning to its extended length for extra protection from late evening or winter sun.

MATCHING DOOR CANOPIES
Beautiful stationary door canopies protect guests and entrance way. Canopies are available in stock sizes.

available at:
**Slightly higher on the West Coast*

- SEARS RETAIL STORES
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- SEARS BIG SPRING GENERAL AND MID-SPRING CATALOGS

Manufactured for SEARS by **ARTCRAFT AWNING COMPANY, St. Louis • Chicago • McKeesport**

Who wants to teach Sunday school?

Continued from page 31

The cross, fashioned from two slender trees by the older boys, is blessed by the Rev. Robert S. Flockhart. This temporary chapel is the first step toward a permanent mountaintop place of worship

the good rector for two weeks (and of course he knew I was avoiding him), and then one Sunday I went to church. I was armed with the six reasons. I would tell him after service.

But I reckoned without the wisdom of the clergy.

For his sermon, this Sunday, he'd chosen the text: "And Jesus said unto him, no man, having put his hand to the plough, and looking back, is fit for the kingdom of God."

The inference was obvious (I had been a vestryman for several months and the hand was on the plow). It struck me several times that the preacher seemed to be looking directly down at me. No man is worth his salt, he was saying, who dodges a responsibility to his church and his community.

I'll say for our pastor that he *can* deliver a forceful sermon. One by one my arguments melted. I *knew* he was talking to me. After service he stood in the doorway shaking hands.

"You win," I grinned, and we shook on it.

And so I had a job I didn't want.

(It was a small comfort later to learn that two *other* parishioners had been sure, too, that he was preaching to them. One was the treasurer, who had served well and now wanted to resign; the other was a vestryman who was finding he couldn't get to meetings regularly and felt he, too, should resign. Both stayed.)

"Well," I told my wife, "now that I've got the job, by golly, I'm going to give it all it's worth. We're going to have some fun! I used to hate Sunday school. I'm going to make these kids like it."

It all sounded very irreligious, perhaps. It *was* irreligious, in a way. But I'm putting it down as it happened.

It all sounded very brave, too—braver than I felt. In the first place, I had only two weeks to get started. I didn't know whether, on opening Sunday, I'd have any teachers to help me.

And what was worse, I didn't know whether there would be any kids to teach! We're a tiny, small-town church. Last year at the last

[*Turn to page 130*

Game protector Eugene Beeman shows the boys how to build a shelter for the pheasant-feeders they built

"Daddy's Home!"... and the day's end means even more when it's a Brick Home.

Brick gives a family so much real satisfaction... the beauty of mellow, natural colors and rich textures... the security of sound, firesafe construction and lasting value... a lifelong bonus of time and money saved because brick needs no painting, no upkeep.

That's why contentment actually costs less in a brick home—no other building material offers so much value for so little.

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Add luster to your living with an Arvin original in fashionable black or gleaming chrome. Fresh, crystal-clear colors, and the newest in patterns—such as the superbly individual *Starglow*, above—will make your dining space sparkle with style!

Arvin chairs are delightfully inviting in contour, color and comfort. And Arvin tables—from large, luxurious sizes to exquisitely designed models of smaller size—feature today's smartest trim in rich-toned brass and satin-finish stainless steel.

Arvin dining furniture, outstanding in design, is also tops in service. Cleaning is carefree—and Arvin quality goes clear through. See Arvin dining furniture at your near-by furniture or department store—at kind-to-your-budget prices: $49.95 to $199.95.

Send for illustrated folder DB-65

Arvin INDUSTRIES, Inc. • Columbus, Indiana

HOW-TO

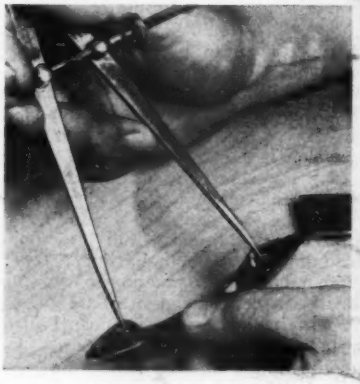
for the handyman®

Leveling jobs are easier to do if you use wooden shingles to make up difference.

Keep them handy for blocking up table legs on uneven workshop floors. They're excellent, too, for spacing framing members around doorways and windows.

Two shingles used together fill large voids.

E. Porter
Rochester, New York



Locating door pulls a trial-and-error problem? Try it this way the next time.

With dividers, set distance between the holes and transfer measurement to stock, punching points in wood at right position.

Drill holes for screws at divider points. Pull now goes on true, square. Try it for drawer pulls, too.

J. Daniels
Minneapolis, Minnesota

Photographs: Stanley; Javor

Utilize all space on perforated hardboard tool board.

Do it by using cup hooks for tool hangers where furring strips block supporting ends of regular hangers.

Hooks—or L-screws—will help to hold the hardboard to the furring strips. Also, they provide extra room for lightweight wrenches, hammers, squares, and so on.

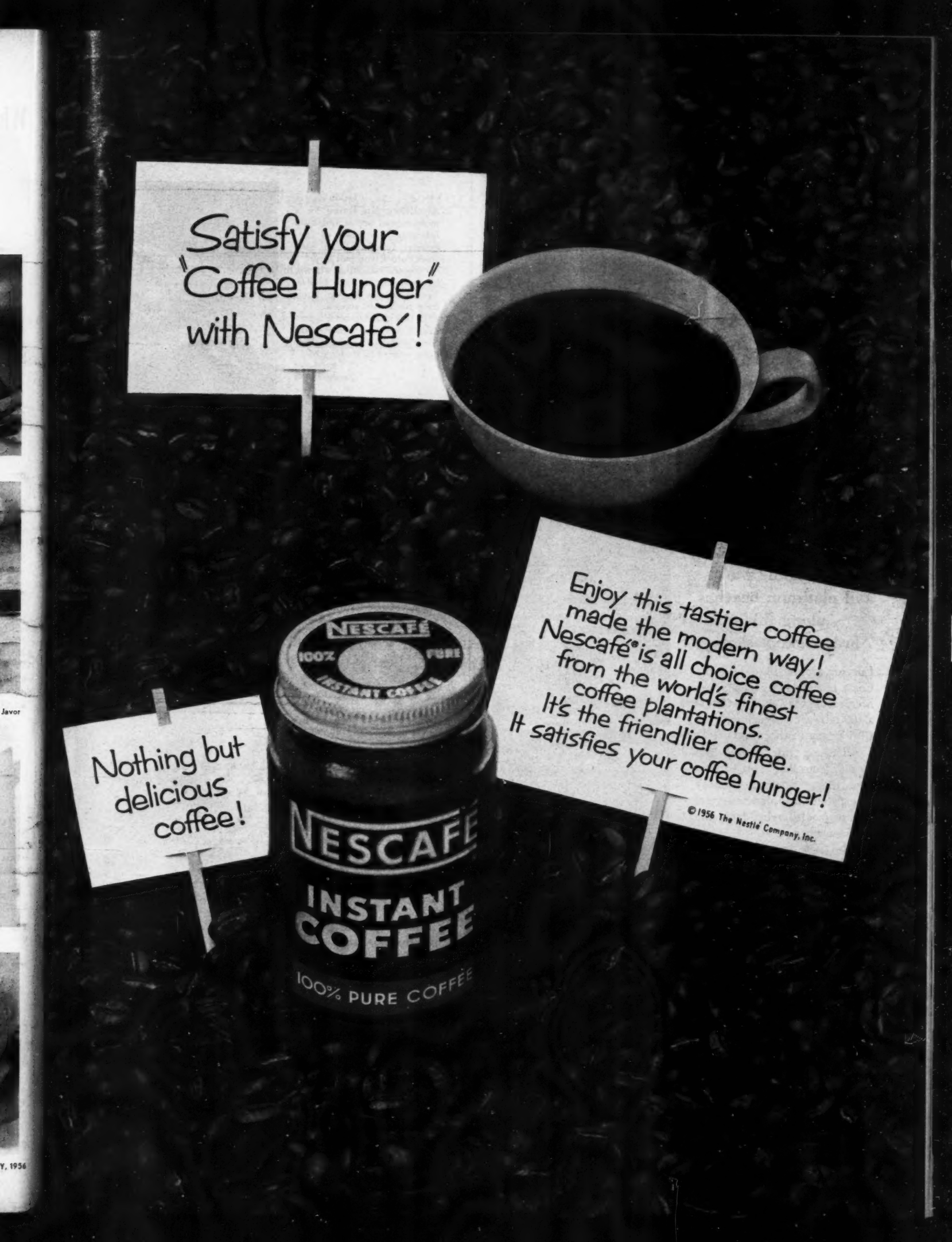
B. Clark
Sioux Falls, South Dakota

Protect points of scratch awls, bradawls, other measuring tools by covering the tips with discarded plastic caps and stems.

You can find them on glue, lighter-fluid, machine-oil containers. Cut stem ½ inch below end to make "sheath" for point of the tool.

B. Steward
Winder, Georgia

More on page 36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Nothing but delicious coffee!
Enjoy this tastier coffee made the modern way! Nescafé® is all choice coffee from the world's finest coffee plantations. It's the friendlier coffee. It satisfies your coffee hunger!
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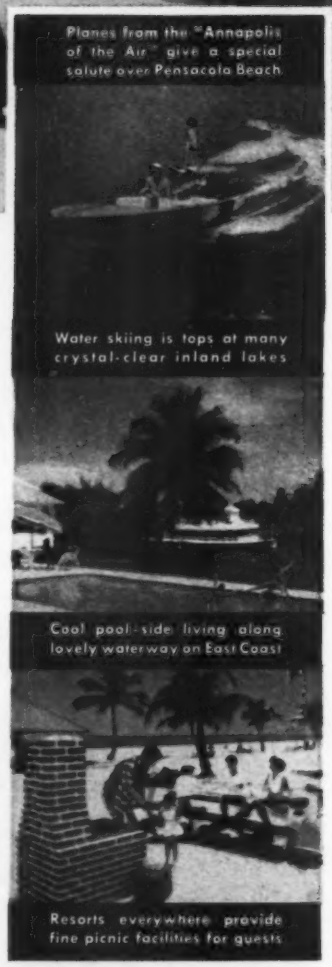

Joy rules the waves and platinum beaches along this breeze-swept shore

Curving around the Northwest Coast of Florida, fronting cool breezes off vast Gulf waters is a 100-mile arc of beach as beautiful as any in the world.

All along this snow-white strand, from Pensacola to Panama City, you find friendly resorts offering unique interests and sea-cooled relief from the summer's heat.

Here is a vacationland steeped in historic lore, dating back to 1559. It's renowned for fishing, excellent swimming, boating; for fine golf, delicious seafoods.

While here you'll want to visit the lower Gulf Coast to see its galaxy of fine seashore resort cities and their many delights. Then cross to the East Coast and take in the fabulous beauty and fun all along the trade-winds-cooled Atlantic. The cost of your trip, in summer, is most moderate—probably less than you'd spend on an ordinary vacation. So come now!

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Explore all **Florida**...land of good living

How-to for the handyman

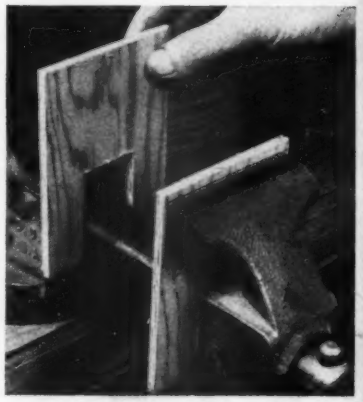
Begins on page 34

Auxiliary rip fence for a molder-head set is quick to fabricate from piece of five-quarter (about 1-1/16 inch thick) stock you can buy.

"Notch" stock, as shown, by lowering it over blades. Fence fastens to rip fence from back with screws.

If screw holes aren't predrilled in your fence, drill them in yourself—about three holes spaced to its length.

K. Lambert
Cleveland, Ohio



Convert metal vise into one for woodworking by lining the jaws with pieces of scrap plywood. Quarter-inch plywood is best, although any thickness can be used.

Cut and notch stock to span the width of jaws and fit over the vise screw.

The "inserts" are easy to remove any time you wish to reconvert vise for metal.

S. Alexander
Lone Wolf, Oklahoma

Unsightly streaks on hardwood floors are a thing of the past when you apply thin layer of cellophane tape to the caster wheels on your furniture and other equipment.

Make sure tape doesn't overlay edge of wheel which sometimes causes it to catch and tear off when furniture is moved for cleaning and so on. Tape wears indefinitely.

P. Ehrsam
Fulton, Missouri

Take out rusted screws this way: Place screwdriver in screw slot, grip handle firmly, and twist it while you tap handle lightly with a wooden or rubber mallet.

If screw has been painted, chip paint from slot before attempting to back screw out. Also use this trick for screws that are tightly set.

Another way: Squirt penetrating oil around screwhead, let it set, and then go to work with your screwdriver.

F. Hines
Chicago, Illinois

More on page 39

New today— and beautiful years from now—

carpeting of 100% Du Pont Nylon

Wonder if it will stay a dream of beauty and lustrous color? Like *nothing* else. Carpets of 100% Du Pont nylon have been "taking it" for more than eight years in hotel lobbies, offices, clubs. They've been taking more punishment than your family could give them in years—and they *still* retain their beauty and luster. Carpeting of 100% Du Pont nylon also resists crushing and matting . . . a quick vacuuming easily removes surface dirt. You'll find wonderful nylon carpeting in a surprisingly broad range of decorator colors and the newest in high-fashion textures at your favorite store.

For retail stores in your shopping area that sell carpets of 100% Du Pont nylon, call Western Union by number and ask for Operator 25.

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BETTER THINGS FOR BETTER LIVING
. . . THROUGH CHEMISTRY

P.S. SIMPLY SPONGE AWAY ORDINARY SPOTS AND STAINS with water and detergent or cleaning fluid.

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DU PONT FIBERS OPEN YOUR HOME TO MODERN LIVING

FROM MORNING TILL NIGHT A LOVELY, LOVELY SOFA

The "Rutland" Sleep-or-Lounge as shown in long-wearing Jetspun Boucle, unsurpassed for resistance to fading, $249.50. Chair, $89.50. Prices vary, depending on fabric. Foam rubber cushions at extra cost.

No doubt about it! The new Kroehler Sleep-or-Lounge is the *beautiful* way to add an extra bedroom to your home! From morning till night, it glorifies your living room with supreme sofa styling—wonderful sitting and lounging comfort.

From night till morning, it gives you the most luxurious double bed that ever lulled you to dreamland. Why? Because you sleep on a real bed-type deep innerspring mattress—built for complete relaxation—and so very, very comfortable. See a demonstration soon!

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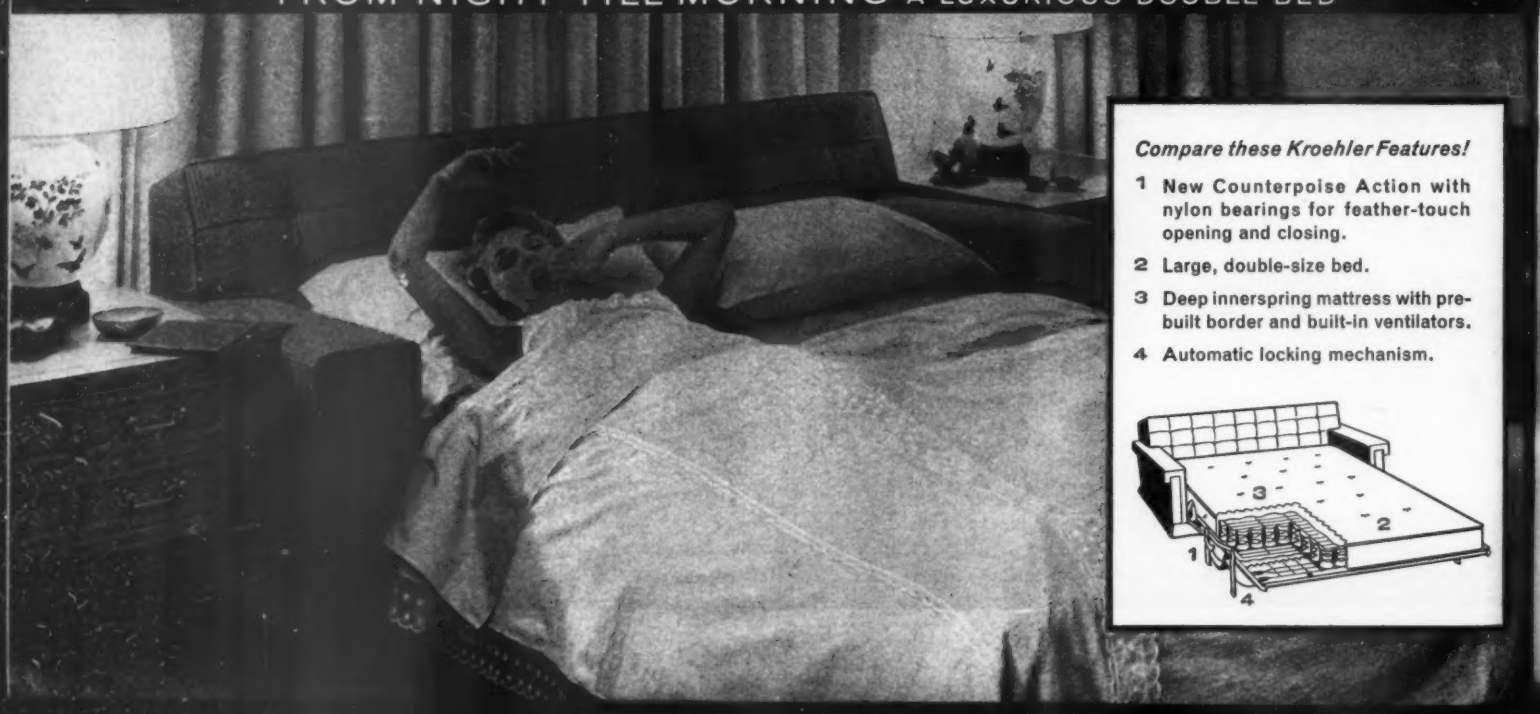
AS LOW AS $179.50 Buy On Easy Terms

FROM NIGHT TILL MORNING A LUXURIOUS DOUBLE BED



Compare these Kroehler Features!

1. New Counterpoise Action with nylon bearings for feather-touch opening and closing.
2. Large, double-size bed.
3. Deep innerspring mattress with pre-built border and built-in ventilators.
4. Automatic locking mechanism.

How-to for the handyman

Continued from page 36

Depth gauge for drills and small auger bits is easy to make from a small piece of scrap wood, cut square.

First, find measurement of drill locked in chuck. Next, determine depth of hole. Difference is the length scrap should be cut.

Running drill through the scrap gives proper depth for boring series of holes.

R. Kyl
Des Moines, Iowa

Joints slip out of line when you are drilling through them for pilot holes?

To hold joint in perfect alignment while you operate drill, drive a finishing nail through both of the pieces of stock, as shown.

If joint will be permanent, drive nail all way in. If temporary, leave nailhead protruding for easy pull out.

F. Javor
North Bergen, New Jersey

Discourage rust from forming on tools by rubbing them down after every use with this handy oiler.

To make oiler, cut felt into strips wide enough to project over rim of old shoe-polish can.

Moisten felt with light machine oil. Can fits hand nicely for easy application.

W. Adams
Denver, Colorado

Why clean brushes after every small shellac job? It's easier to swab sealer on with cotton pad twirled around end of dowel or scrap wood.

When you're finished, you just throw cotton waste away. Trick works just as well for touch-up jobs with enamel, lacquer, and oil stains.

R. Sands
Moline, Illinois

▶ Send your original handyman tips (photographs are not necessary) to Home Maintenance Editor, 6705 Meredith Building, Des Moines 3, Iowa. For each accepted, *Better Homes & Gardens* will pay $5. All will be considered carefully, but those which are not accepted cannot be returned.

It's easy to have modern interiors with Marlite!

Need more room for a growing family? Want to add or remodel a bathroom, a guest room, or a den for Dad? Easy-to-install, economical Marlite paneling lets you *use* unused space . . . and increase the beauty and livability in any room of your home.

So easy to install you can do it yourself, Marlite's exclusive tongue and groove joint makes fitting easy; quickly covers cracks and unsightly wall surfaces. And Marlite's soil-proof melamine plastic finish stays like new for years. Fingerprints, smudges, stains wipe off with a damp cloth!

Choose from Planks, Blocks, large Panels, or new hollow core Korelock in beautiful "Companion Colors," wood or marble patterns. See your building materials dealer, or mail coupon for full information.

Marlite® *plastic-finished wall and ceiling paneling*

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NEW! Send 10c for 16-page, full-color decorating book, "Modern Carefree Interiors" (over 40 illustrations), packed with dozens of imaginative building and remodeling ideas for creating beautiful home interiors.

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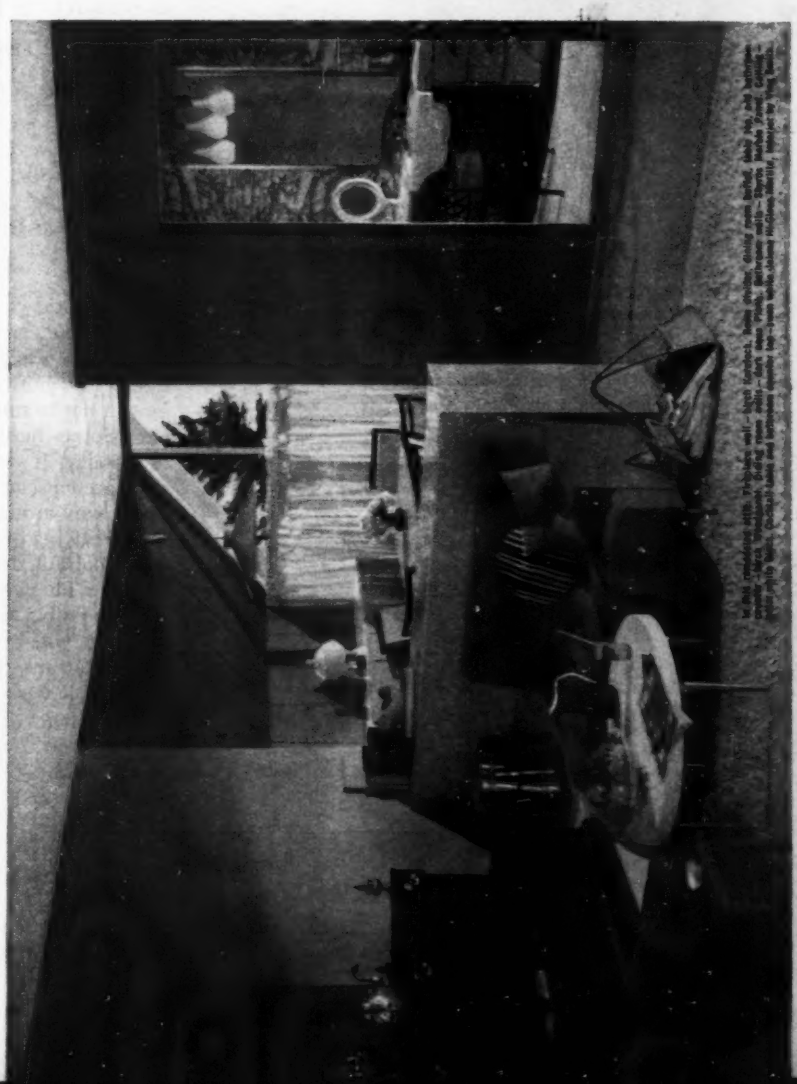

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Please send "do-it-yourself" plans checked. I enclose 10c for each to cover mailing cost.

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THE FAMILY CAR®

How to get the best "deal" on a new car

Car dealers expect you to haggle over trade-in allowances, discounts—it's all part of the game of trading. It pays to know the rules—as explained here by a former auto dealer—and you can have fun dickering for your best new-car buy

By William R. Sweeney

If you've been bitten by the new-car "bug," you are going to buy a new automobile. Even if you need a new car like a giraffe needs stilts, you're going to buy one. Somewhere, somehow, you'll find the money. If you still owe a balance on your present car, you or your dealer will find a way around that obstacle.

The buying process can be either pleasant or painful, depending on how you go about it. The more you know about what you are doing, the greater the possibility that you will drive away in exactly the car you want, with the right trade-in price for your old car, and with the feeling that you have made a "good deal."

To prepare you, I have drawn from years of experience as an automobile dealer. Let's start off with some generalities. First, there is no such thing as a bad new car. There are great differences in quality, reflected in the price you pay. After all, it is only reasonable that a $5,000 automobile is better than one that costs $2,000. But regardless of the price, all new cars are backed not only by the dealer who sells it, but by the manufacturer. Since autos are just machines, and since they are assembled by people, things can go wrong. You'll find, though, that such things are usually fixed quickly and without argument. If the dealer objects, the manufacturer is quick to protect his reputation by seeing to it that his own representative (usually an experienced engineer) gets on the job.

Second, there are few dealers who are out to gyp you. Think about that for a minute. By the time a man sets up a new car dealership, he has invested tens of thousands of dollars in his showroom, in his garage, and in equipment. Before he can make that investment, he must pass a character and credit investigation by the manufacturer and a finance agency or bank that makes FBI investigations look like a romp in the park. The dealer is anchored in his community. It takes years to get his investment back, and in the meantime, he has to make his living. Believe me, no dealer with any sense is going to do other than try to sell you a car. And he isn't going to do that with dishonest practices.

Finally, don't let personal feelings enter into the deal. The [*Turn to page 42*

SHE: "Wasn't Joan Fontaine wonderful . . . and she looked so lovely."
HE: "She always does—and so do you!"

To *him* you're just as lovely as a movie star

He finds *you* the most attractive girl of all . . . as lovely as any movie star. He really does! And to look your best for him always, be sure your complexion is fresh and glowing. Joan Fontaine certainly has beautiful skin. Like 9 out of 10 Hollywood stars, she uses new Lux to keep it that way—and new Lux can do as much for you!

Cosmetic lather is the secret

New Lux lather has a beneficial cosmetic action on your complexion . . . actually increases and stimulates your skin's natural moisture. And it's moisture balance, you know, that helps keep complexions *fresh* and *glowing*.

Massage *cosmetic* lather into your skin gently. Rinse with warm, then cool water and pat dry. You'll be as delighted with the results of new Lux care, as the Hollywood stars are. (Try it and see.)

New Lux is sealed in Gold Foil

. . . to protect its dazzling white-ess, wonderful fragrance, *cosmetic* ther. Only new Lux gives you ynolds gold foil protection and *metic* lather. Remember, you n't have to be a movie star to have movie star's complexion—that's e beauty of new Lux in Gold Foil!

Joan Fontaine

. . . Great actress, great beauty . . . one of Hollywood's most famous stars. Miss Fontaine tells us she cares for her beautiful complexion with new Lux

IT'S HERE! WONDERFUL NEW INSTANT CREAMER

For those who love fresh cream and modern convenience

IF YOU LIKE IT "WITH"... YOU'LL LOVE IT WITH PREAM!

PREAM® is made entirely from fresh sweet cream and other milk products. It's powdered for your convenience . . . always handy and so economical. It stays fresh tasting!

Delicious Pream is a modern, instantly dissolving creamer for coffee or tea. **Thrifty** – costs ⅓ less per serving than coffee cream. **Easy** – doesn't spill or spoil in daily use. *Wonderful for cooking* too! Send for free Recipe Folder, Pream Test Kitchen, Box 959, Columbus 16, Ohio.

Recipe for Creamy Butter Frosting

Cream 5 tablespoons butter or margarine. Gradually blend in 3 cups confectioners' sugar sifted together with 1 tablespoon Pream. Add 3 tablespoons hot water, a little at a time. Flavor with ½ teaspoon vanilla. Will frost and fill two 8- or 9-inch cake layers.

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PREAM

How to get the best "deal" on a new car

Begins on page 40

dealer is a businessman. He makes his daily bread by being one. He will be cold-blooded about selling, but not mean or vicious. He has little emotion about trading cars, and he isn't going to let his personal feelings stand in the way of making a sale. You should use the same approach. Don't let *your* personal feelings stand in the way of making a good buy.

But, how do *you* operate to make the best deal? Keep these do's and don'ts in mind, always:

1. *Do* decide before you start to dicker whether you want a big car or a small one. Changing your mind in mid-deal may get you so confused that you won't know whether you're getting a good deal or not. Don't forget, however, that the Blooper Eight costs more than the Eentsie-Weentsie Six. You may get a higher trade-in on the Blooper, but you'll have to lay out more cash, too.

2. *Don't* decide that Car A is better or worse than Car B just because a friend says so. To repeat, all new cars are good cars within the limits of their cost. In other words, get the one that appeals most to *your* eyes and to *your* pocketbook.

3. *Do* find out how much your car is really worth before you talk business. That is often a shocking experience. There are two good cross checks. First, ask your banker or your finance company what the loan value is on your car. In the trade, that is known as the "low book," and it represents the depreciated value. The figures are pretty standard. Second, "shop" your car to four or five *used-car* dealers. Some will "high-ball" you (quote a figure that is greater than the price they would actually pay just to see if you are serious about selling). Others will "low-ball" you (quote a lower price than normal,

[*Turn to page 260*

You and your MEMORY

By John E. Gibson

A POOR MEMORY is no reflection on your intelligence. You can have a low I.Q. and a wonderful memory; or you can have the intellect of an Einstein and not be able to remember your own telephone number.

When you're trying to recall something, to concentrate on remembering is the worst thing you can do. It actually retards the memory processes. To remember something, relax as completely as possible. This has a stimulating effect on the memory centers of the brain. In a few minutes, what you wanted to recall will come clearly to mind. If you want to memorize anything, the best time to do it is in the evening just before bedtime. You'll remember it 30 percent more effectively. Sleep gives the memory impressions hours of time to crystallize and "settle"—undisturbed by new, unrelated thoughts and experiences.

If there's something you want very much to forget, you can speed up your forgetting processes by employing this same principle—*in reverse*. Denied settling time by the immediate introduction of fresh experiences and activities, the previous experience will make a blurred and less graphic impression on your memory—and thus be more quickly and easily forgotten. So, when something happens that you want to forget as fast as possible, absorb yourself as quickly and completely as possible in varied activities.

Enjoy an open-air living room—right in your own back yard. It's practical and pleasurable when you use Masonite Presdwood®—sturdy, weather-defying panels that are fun to work with. There's a type for every use shown here including Masonite Peg-Board* panels that keep tools and utensils handy... and attractive Panelgroove on the walls of the shed. Your lumber dealer is the man to see for Presdwood.

Fix it up with Presdwood inside and out

OPERATION HOME IMPROVEMENT

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PHILCO®

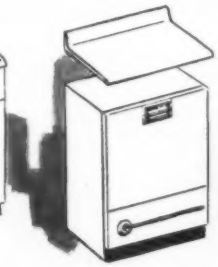
Custom Sectional Appliances

Look! **WITH THESE NEW PHILCO SECTIONAL APPLIANCES YOU CAN START YOUR CUSTOM KITCHEN TODAY!**

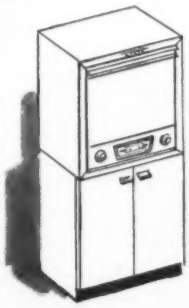
To save counter space, an 8 cu. ft. Philco Sectional Refrigerator can be mounted right on top of a 6.8 cu. ft. Freezer.

Both the Philco Sectional Refrigerator and Freezer fit neatly *under* the counter. Formica Counter Top optional.

For a truly modern kitchen here's the Philco 48″ Dishwasher-Sink Combination. Big, under-sink storage cabinet and Philco Waste Disposer (optional).



Philco Dishwasher may be used under counter or free standing with Counter Top.



Here's the Philco eye-level Electric Oven mounted atop a sectional base cabinet.

Separate Philco Surface Cooking Unit may be set where it is handiest to use.

Now-the

DO IT THE EASY "ADD-A-SECTION" WAY . . . A PIECE AT A TIME TO FIT YOUR BUDGET

You can start right now—thanks to a great new pioneering idea of Philco's—*Custom Sectional* appliances. Instead of being raw, disassembled mechanisms intended to be hidden by plaster, bricks and carpentry, these are finished, self-contained appliances, complete with base cabinets where required, ready to be placed in position as easily as conventional appliances.

You don't have to have a brand new home. You don't have to tear out or remodel your kitchen. These new Philco

. . . it's as simple as playing with blocks!

Shown above is the World's First ELEVATOR OVEN. Just press a button to move it up to eye level, down to counter level.

he "Built-in-Look" without the Built-in-Cost

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chanisms
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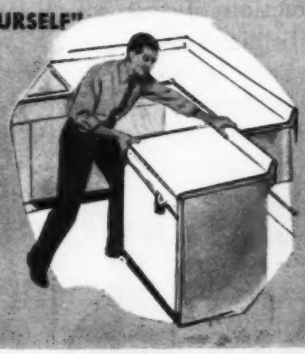
Custom Sectional Appliances can fit right into your *present* kitchen without rebuilding anything. You can match your present color scheme or fit them into any redecorating you plan to do. And if you should ever move, here's one built-in kitchen you can take with you!

You can begin with just a single unit if you please. Then, you can add one piece after another—step by step—until your whole dream kitchen is complete. It's glorious fun making your "some day" kitchen come true way ahead of time. You can start enjoying *this* kind of built-in kitchen the moment you see your Philco dealer.

YOU CAN "DO-IT-YOURSELF" —NO BUILDING-IN NECESSARY

The illustration at the right shows how easy it is to install one of these self-contained units, such as the Philco Sectional Freezer, merely by sliding it into place like any standard base cabinet. You can even "do-it-yourself" now!



Free!

NEW PHILCO BOOKLET SHOWS 20 DIFFERENT KITCHEN PLANS

"Philco Custom Sectional Appliances" shows sizes, specifications and arrangements. Ask for it at your Philco Dealer's or write Extension 473, Philco Corporation, Tioga and "C" Streets, Philadelphia, Pennsylvania.

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Buy only where you see this sign, for guaranteed Philco quality and service.

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NOW BETTER THAN EVER!

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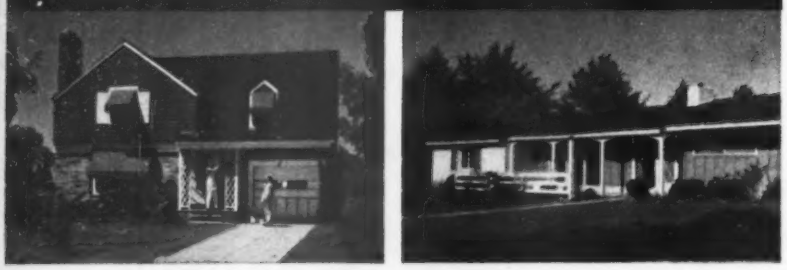

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Famous for its high quality for over 88 years... Sherwin-Williams House Paint is now better than ever before. New discoveries by our research chemists and laboratory technicians have improved this wonderful paint to bring you the greatest value yet for your painting dollar.

Your enthusiasm over the years for the world's most popular house paint will be redoubled when you experience the lasting beauty and protection of this vastly improved SWP®. Choose from 52 brilliant Gloss Colors, or 39 in rich Velvet Flat!

FREE! The beautiful 44-page "Home Decorator" book filled with facts about painting. At your dealer, or write The Sherwin-Williams Co., 1280 Midland Bldg., Cleveland 1, Ohio.

SHERWIN-WILLIAMS

HOUSE PAINT

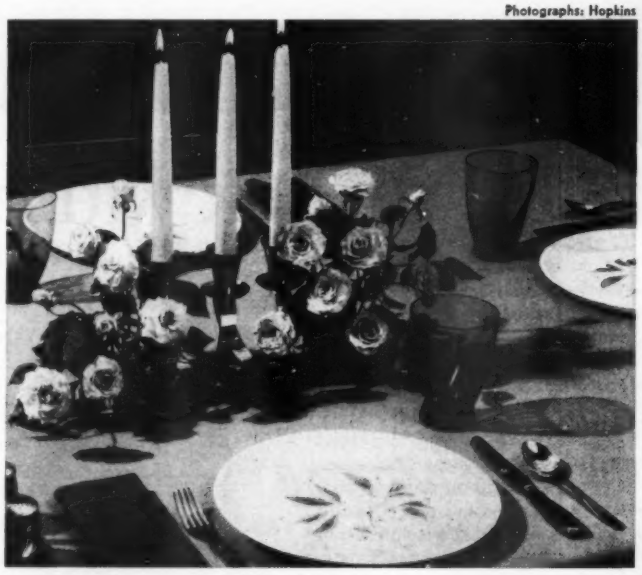
Here are table wardrobes to fit every budget

By Janet Clark

YOU CAN TREAT your family and friends to party-pretty tables if you take advantage of the variety in color, design, and price in today's dinnerware. To help you make a choice, here are patterns in three wide price ranges—each for four place settings: less than $20, $20 to $40, and over $40

Here are three of the many dinnerware patterns in which you can get four place settings for $20 or less. They are: Pomegranate, Ballerina, and Interplay. Inexpensive ware need not limit you to casual settings. You can combine well-chosen styles with a bright cloth and a centerpiece of flowers and candles, or a candelabra for a lovely effect

Photographs: Hopkins



Daybreak pattern in the under-$20 group graces this pretty table. See how nicely the ware lends itself to a dress-up occasion. With it we've used Lady Juliana stainless-steel flatware, smoky Crystal Flame tumblers, and a pewter candelabra—all very modestly priced

More on page 49

Upholstered Furniture by Pittsburgh Chair Co., East Palestine, Ohio

IT'S AS GOOD AS IT LOOKS—it has *Airfoam Inside!*

What's Inside Full-Value Furniture: AIRFOAM (cream-color above) in seats, backs and armrests. This assures you years of smart new appearance and luxurious comfort – for AIRFOAM isn't just stuffed in. It's *molded* all-one-piece and *tailored* to the furniture's measure – nothing to sag, snag, break down or come apart.

What makes furniture "good"?

Good style, color, fabric—AND *inside values* that prove the manufacturer hasn't skimped.

Generous use of AIRFOAM is a value-guide—because it's the world's finest, most modern cushioning. AIRFOAM also indicates advanced design and construction—for it's the chosen medium of leading furniture houses.

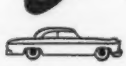
What's more, AIRFOAM assures *lasting* comfort, good looks—and easy housekeeping—for it needs no constant fussing or repair.

So always ask "WHAT'S INSIDE?"—and be sure the answer is AIRFOAM! Goodyear, Airfoam Dept., Akron 16, Ohio.

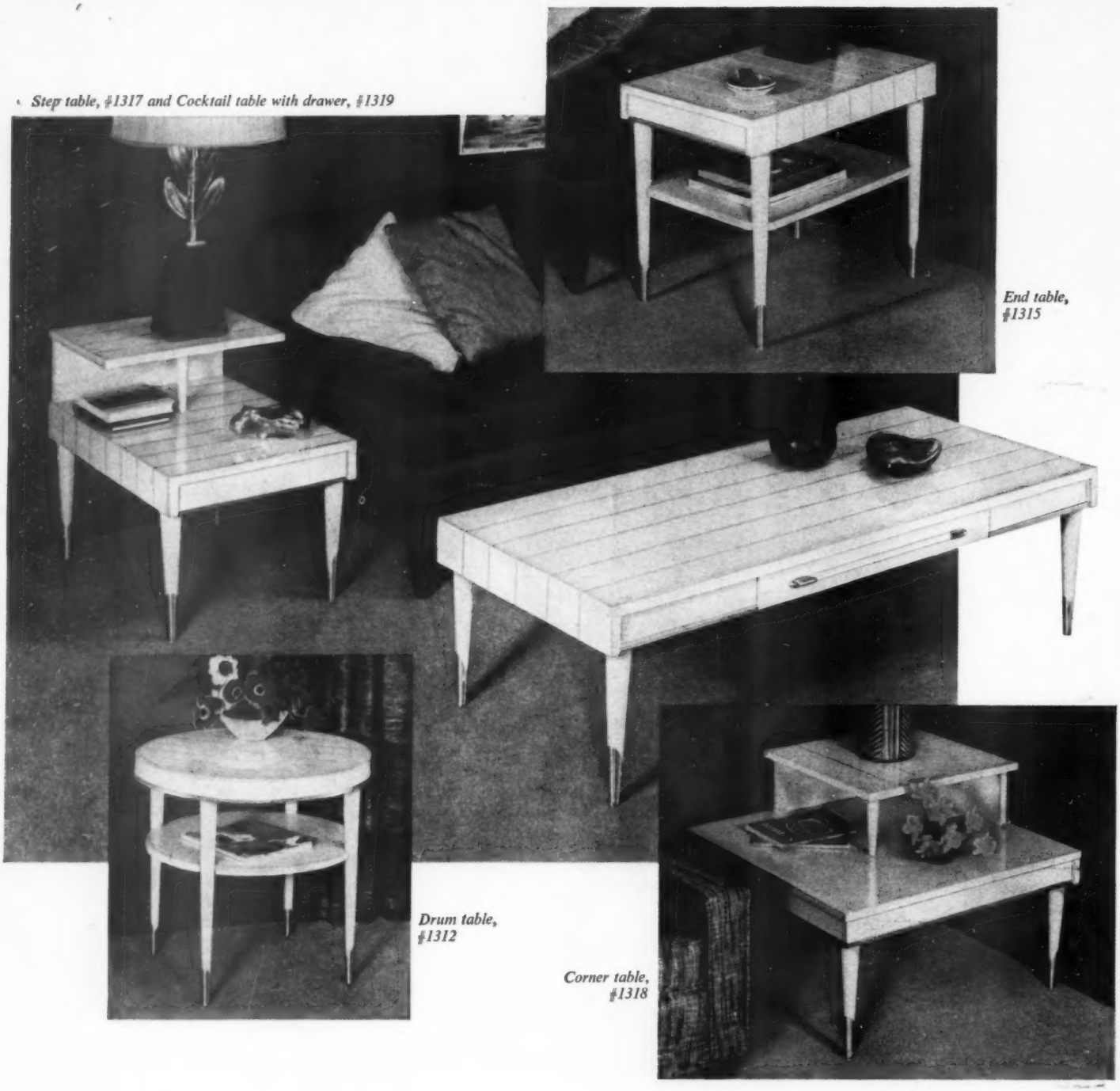
Don't take "foam rubber" for an answer—Insist on

Airfoam MADE ONLY BY **GOODYEAR**

THE WORLD'S FINEST, MOST MODERN CUSHIONING

AIRFOAM helps you ride better  walk better relax better sleep better cushion better

Airfoam—T.M. The Goodyear Tire & Rubber Company, Akron, Ohio



Step table, #1317 and Cocktail table with drawer, #1319

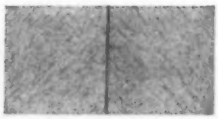
End table, #1315

Drum table, #1312

Corner table, #1318

Styled with a fashion flair...priced for your living room!

...a new table family by LANE



"Chevron" Inlay Detail, Blond Mahogany, above; Softone Walnut, below.

• elegant chevron parquetry • smart brass trim

Note how the eye-catching depth of the table top is handled with airy grace. Study the meticulous inlay of matched woods forming the "Chevron" pattern. The result—perfect taste, to treasure for years.

Because Lane knows how to make the products of craftsmanship with the methods of today, you get impressive quality. Very special details, too: Lane's exclusive "Deep Gleam" finish, brass trim, side rails flowing to meet tops.

The price is a beautiful surprise, too! If you can't find the table you want, write The Lane Company, Inc., Dept. GT, Altavista, Va. In Canada, Knechtels Ltd., Hanover, Ont.

At better furniture and department stores everywhere.

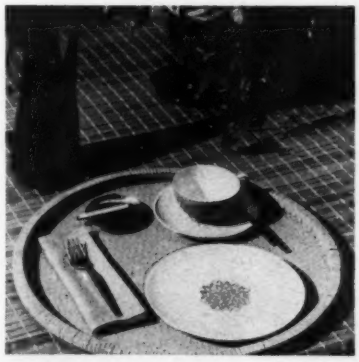
LANE TABLES start at $29.95

Over 100 styles • By the makers of Lane Cedar Chests

Table wardrobes to fit every budget

Begins on page 46

Quite naturally, your choice of patterns and quality is greatly increased if your china budget allows $20 to $40 for four place settings. In this group we show: Bali, Green Leaf, and Script—fine examples of Provincial, Traditional, and Contemporary design available today



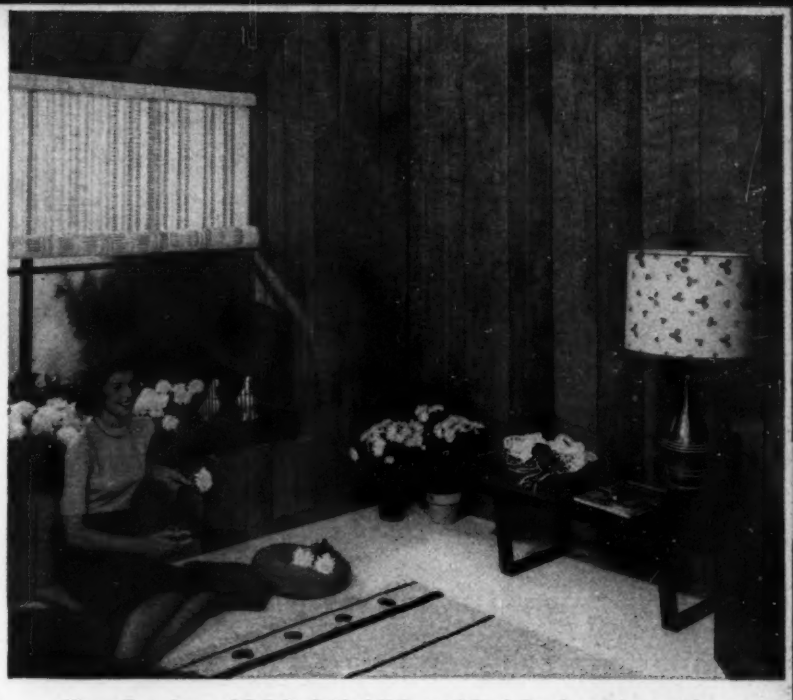
Desert Star, a pattern in the under-$40 group, is used in this informal tray-meal setting. Its charmingly simple geometric design would be just as much "at home" on a more elaborate table.

With it we've used silver-plated flatware in Twilight pattern and a wood-textured ceramic coffeepot.

Truly fine glazes, hand-painted designs, and gold-leaf decorations on translucent china or semi-vitreous earthenware may cost $40 or more for four place settings. Bellevue, Fitzhugh, and Constellation, pictured here, are representative patterns—at ease in any style home

Platinum edges and a delicate design of white leaves enhance the soft blue border of fine Minuet china in the over-$40 group. The subtle beauty of the pattern offers many possibilities for lovely table arrangements.

Gracefully flowing lines are repeated in the Celeste sterling and Contour crystal.



The mellow charm of G-P Prefinished V-Grooved Birch Panels enriches your home.

A BACKGROUND OF BEAUTY

Georgia-Pacific Wall Paneling

TO ENHANCE YOUR HOME . . . EXPRESS YOUR TASTE

Look around your home. Visualize the new natural beauty that the rich warm tones of Georgia-Pacific Prefinished Wall Paneling will bring to living room, dining room, den, or bedroom. Traditional or modern, you can perform an eye-popping transformation for just a few dollars . . . in just a few hours.

An 8 ft. by 12 ft. wall of G-P V-Grooved Birch Panels costs only about **$52.** Lovely blond Savannah Oak Paneling in random planks about **$62.** See your lumber dealer and fill your home with natural beauty.

Savannah Oak Paneling... comes in a complete package. Everything—random planks, clips and strips—needed for fast, easy installation. Prefinished mouldings and trim are available.

IDEA-PACKED BOOK . . . to help you create beautiful rooms.

Georgia-Pacific Plywood Company
Dept. B5, 270 Park Ave., New York 17, N. Y.
Please send me the G-P Wall Panel color book.
Enclosed is 10¢ to cover mailing costs.
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GEORGIA—PACIFIC PLYWOOD COMPANY

Luxurious G-P Prefinished Savannah Oak Paneling comes in blond or honey-tone finish.

the range for SMART homemakers of today...and tomorrow

MOMMY SAYS now she has a range that's as good a cook as she is!

Never in appliance history a gas range with so many extra convenience features, so well built, so beautifully styled—for so reasonable a price.

Hardwick Fully Automatic Gas Ranges, world-famous for cooking performance, now feature Clock-controlled oven, oven window, glamorous AstraGlo back panel, EconoTrol top burners, and EconoMatic oven lighting, all for the price of many ranges without *any* of these features! See Hardwick today at your Gas Company or local dealer from coast-to-coast.

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169 famous recipes...
from Every Corner of the U.S.—only 10c

A 64-page gourmet's tour of the U.S.... gastronomic specialties from each section ... Hasenpfeffer from the Pennsylvania Dutch ... Lobster Newburg from New England ... New Orleans' Creole Jambalaya and Chicken Gumbo ... even Moonshine Pie! For your copy of "America Cooks," mail this coupon with 10c to Hardwick Stove Co., Department B, Cleveland, Tenn., Offer good one year from date.

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CITY _____ STATE _____

HARDWICK STOVE COMPANY, CLEVELAND, TENNESSEE

Start 'em young at golf

Continued from page 14

boy or girl lacks the muscular development for playing more than a few holes in one session.

When Tim played his first hole, he played it according to rules all the way. "Unless your child hits into an impossible lie, don't move the ball," Jack Westland recommends to parent-teachers.

Enjoyment makes possible the relaxation necessary to good playing. "*Golf is a game,*" Jack says. "For children and adults, for beginners and experts, it *always should be fun!*

It's really a game the entire family can enjoy—and, as never before, you'll see the family playing *together*, even if Mom and the kids take 3 strokes to Dad's one.

Ask what times are usually slack at the course you play. It may be weekdays, daybreak, early afternoon, or evening. Naturally, you want to take your child out when there are as few people as possible on the course.

Jack Westland taught Timmy golf manners before they went to the course. Timmy knows you don't talk on the putting green, nor when a player lifts his club to swing. He knows you should replace divots, always.

"A good way for a boy of 10 or 12 or older to learn is by caddying," Jack Westland says. "A golf course is a healthy place. The youngster not only earns good money, but also watches better players and imitates them to good advantage.

"Also, if he has good high-school grades and good character, he has a chance at a college scholarship.

If you're a golfer, whether dub or expert, introduce your boy or girl to the sport. You'll be giving the youngster a head start on a lifetime recreation.

When Tim plays a hole, he takes the bad breaks with the good. If he hits into a sand trap, he plays ball out. "I thought you'd outgrown sandboxes," his Dad kids

For safety, teach your child to stand within your view at right angle to ball's line of flight; not behind you where he might be hit by club on your backswing or in front of you where your ball could hit him

More on page 52

No more tissue-burning antiseptics that make children resist first aid.

Soothing Johnson & Johnson First Aid Cream doesn't sting, promotes healing.

Mother...stop hurting your child with old-fashioned, harsh antiseptics!

Johnson & Johnson First Aid Cream is a new medication for minor skin injuries. It doesn't sting when applied. And because it doesn't irritate tissue, it promotes faster healing. First Aid Cream combines effective ingredients to fight infection and relieve pain. As a cream, it penetrates deeper, protects longer. *Stainless, greaseless.*

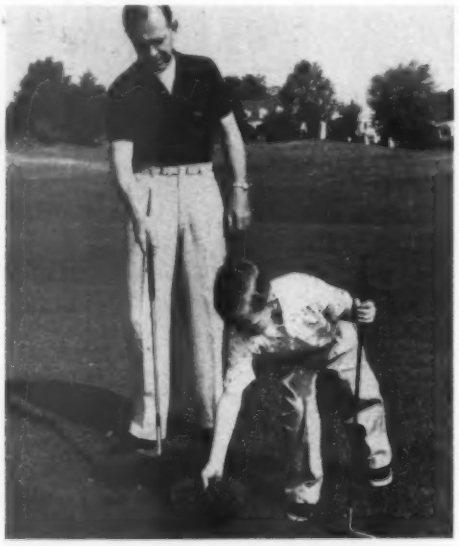
For cuts, burns, abrasions—no other antiseptic is so effective, yet so safe!

Johnson & Johnson

Start 'em young at golf

Continued from page 50

After putting at home, Tim feels at ease on the green. But he's thrilled when ball drops out of sight into cup



"We always put the grass back so it will keep growing," Jack tells his son, as Tim replaces a divot

Jack Westland recommends caddying as a way for older boys to learn golf. Here, caddie locates green for Mrs. Westland (center) and friend

How to buy a Floor that will make you happier...

by ISABELLE SHAVER

PSYCHOLOGISTS say you'll be happier if you choose home furnishing colors and designs that suit your temperament...those you really like best. You'll find the right shade for *you* in Kentile, Inc. flooring and you'll find something more to make you even happier...more lasting value for your flooring dollar *plus* the easiest possible cleanability! See them all on the opposite page...read about them below!

1 *KenRubber Tile Floors* are noted for their restful "Cushioned Beauty" and glorious jewel-like colors. Their amazing resilience puts happy spring in your every step, as though a thousand rubber springs were imbedded in each tile. KenRubber's mirror-smooth, pre-waxed surface stays easy-to-clean through long years of wear. Here are qualities unequalled in other floors—even those costing dollars more!

2 There's news in *Kencork floors and walls!* Now available in new lighter shades and inexpensive 1/8" gauge as well as 3/16", these natural, baked cork tiles offer a new, light touch for today's decorating. A new plastic-fortified finish makes Kencork's superb luxury even more practical. Warm in winter, cool in summer, Kencork gives your home 50 years and more of wear, needs only occasional waxings for care.

3 *Kentile Asphalt Tile* brings you enduring beauty in 3 beautiful styles that can be installed in any room from basement to attic. If you want gaiety, choose *Carnival Kentile* in cheery multi-color combinations. For dignity, select *Marbleized Kentile* in a range of shades to fit your every mood. Or, for distinction, see the rich look of *Corktone Kentile* that fools even experts with its appearance of luxury cork flooring. All three Kentile styles are easy to keep clean: all are styrene-fortified and guaranteed for long wear. No wonder this is America's favorite low cost floor!

4 Two special vinyl floors by Kentile, Inc. offer you all the easy-cleaning, long-wearing advantages of miracle greaseproof vinyl in a price and quality to fit your every need and budget. Choose the unsurpassed luxury of tile-deep *KenRoyal* vinyl for rooms where nothing but the best will do. The same glowing colors are available in low-cost *KenFlor* vinyl plastic. Even hot spattering grease won't harm these durable, non-porous floors...usually, a quick damp mopping cleans them. *KenFlor* also comes by-the-yard for matching counter tops.

5 *KenFlex Vinyl Asbestos Tile* can be installed from cellar to attic and if you live in a basementless home, be sure to consider its moisture-proof, stain-proof, grease-proof advantages. A special blend of shining vinyl plastic with sturdy asbestos fibers, long-wearing *KenFlex* is easy to clean. See all 3 styles: multi-colored *Carnival KenFlex*, richly veined *Marbleized KenFlex*, and *Corktone KenFlex* with its look of fine cork flooring.

Create your own designs from the decorator colors available in each guaranteed floor described above. You can install each one yourself or your Kentile, Inc. Dealer will do it for you. He's listed under FLOORS in your classified Phone Book. Plan to visit him today.

America's largest manufacturer of resilient tile floorings

It's the finest flooring of its kind, if it's made by

KENTILE, INC

KENTILE*
KENCORK*
KENRUBBER*
KENFLEX*
KENFLOR*
KENROYAL

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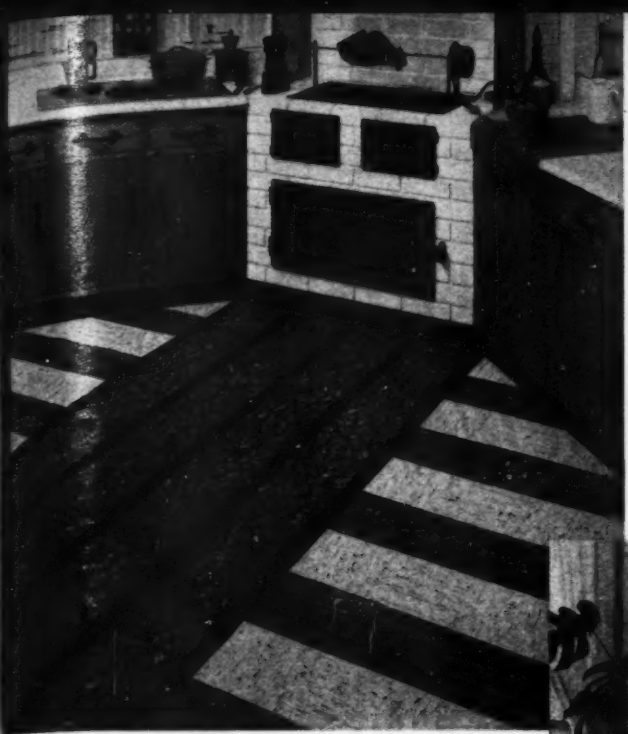


2. KENCORK Floors and Walls are luxurious, practical and sound-hushing in handsome living rooms and dens like this. Medium and light random floor tiles shown are 9"x 9"; 12"x 12" can also be used. Wall tiles are unwaxed, 12"x 24".

1. KENRUBBER Tile colors in kitchen floor above are Rosso di Levanto and Paisley with black Feature Strip and KenCove Wall Base.

It costs so little to install your own beautiful Kentile, Inc. floors! For example: Here is the approximate cost including the necessary adhesive, for each flooring installed by you in an average 8'x 10' room:

KENRUBBER	$37.75
KENCORK	43.60
KENTILE	16.50
KENROYAL	46.25
KENFLOR	22.75
KENFLEX	21.50

Details of each type of flooring are given on the opposite page.

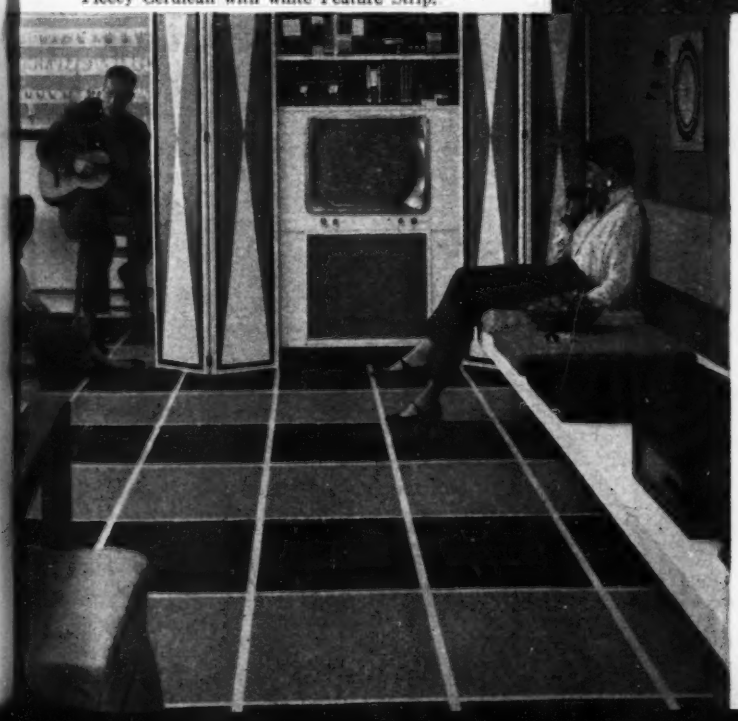
KENTILE, INC.

GUARANTEE

Kentile, Inc., will furnish new tile without charge for any Kentile, Inc. Flooring Product that wears out, . . . and on which colors wear off . . . during your own occupancy of your own home wherein you have installed the product or have had it installed by an authorized Kentile, Inc. Dealer. This guarantee does not apply to damage caused by your improper handling or your failure to follow the instructions for installation and/or maintenance available at your Kentile, Inc. Dealer's. This guarantee must be presented of claim is made for new tile.

Every floor by Kentile, Inc. is backed by this guarantee.

3. KENTILE Asphalt Tile floor below is designed with alternating strips of *Carnival Kentile* in Gaiety color, and rich *Marbleized Kentile* in Fleecy Cerulean with white Feature Strip.



4. KENROYAL Vinyl Tile and **KENFLOR** Vinyl Tile both offer the attractive colors shown in the dining-living room and foyer of the home above: Sandalwood Gray and Seafoam Green with Feature Strip.

5. KENFLEX Vinyl Asbestos Tile in three shades of *Corktone KenFlex* installed random style, carries its easy-to-clean dignity from living room right through kitchen in the modern, one-floor home shown below.

For ornamentals

For flowers

For fly control

For vegetables

For barbecue area

For fruit trees

Protect your whole garden with just one insecticide-

MALATHION

This one insecticide controls practically every important garden insect. Now, no more worries about which insecticide to use against which insect — just spray with malathion.

Popular-brand malathion insecticides are available now at your favorite garden supply store. Look for MALATHION on the label.

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DEVELOPERS AND PRODUCERS OF MALATHION TECHNICAL

Have you heard?

Latest Garden News

By Dr. R. Milton Carleton

Clover losing popularity

Kill clover in lawns? Old-time gardeners would have shuddered at the idea. To a man, they would have insisted that a good lawn simply had to have clover. It was the only dependable plant which stayed green when bluegrass went dormant in summer.

Today, some people still like clover in lawns. But the real need for clover no longer exists. New grasses and more knowledge of how to care for lawns have made clover a luxury—paid for with "grass" stains, unsightly seed heads, and erratic growth.

There are several reasons for it, but clover is almost always followed by crabgrass. White Dutch clover seed is still sold separately in fairly large quantities, but it rarely appears in the commercial lawn-seed mixtures. In fact, many gardeners consider clover a lawn pest, and have looked for a reliable method of getting it out of their lawns.

Turf specialists recommend chemical control, not only because it saves labor, but because it is more dependable than hand weeding.

The chemical is 2,4,5-T, a brush killer designed to control plants unaffected by 2,4-D. This chemical is the most practical method for controlling clover.

The following directions, based on work at Purdue and other universities, will give you excellent control of lawn clover, without serious injury to permanent lawn grasses.

1. Use only a 2,4,5-T product (sold under various trade names) recommended specifically for clover control. If you try a regular brush-killer formulation, use it cautiously at one-third to one-fifth the rate recommended for controlling brush.
2. Measure the area to be sprayed, and figure out the exact square footage (length times width).
3. Measure the spray material. Do not estimate.
4. Spray the clover only when the soil is moist to a depth of 4 inches. In dry weather, water the lawn the day before so soil is moist 4 inches deep.
5. Spray only when the temperature is below 80 degrees to reduce possibility of damaging turf.

Man the test tubes!

Can plants grow without carbon dioxide from the air? Yes, say Russian scientists. No, say the American.

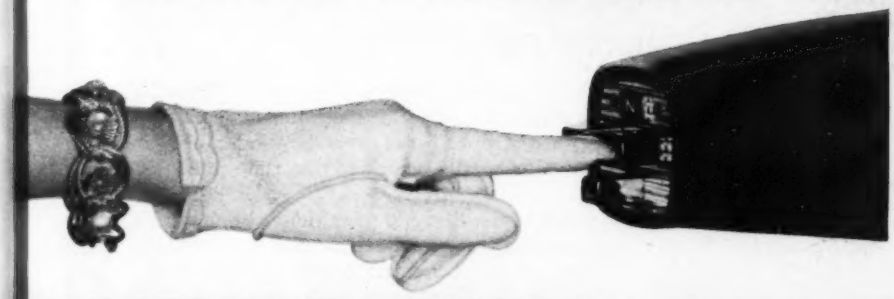
Research in the Western Hemisphere indicates that the quantity of carbon dioxide in the air is one of the factors limiting growth, along with light, water, and nutrients.

Russian research workers contend otherwise. They report growing plants in an artificial atmosphere which

More on page 56

ONE OF 5

FORWARD LOOK VALUES OTHER CARS DON'T HAVE!



1 Pushbutton Powerflite. *Chrysler Corporation leads the field again with the driving advance of the year! Like magic—you just push a button and go! No levers or gears to bother with. Pushbutton PowerFlite is as easy as ringing a doorbell. Its simple mechanical design has been fully tested and perfected. Why not try it today?*

See Chrysler Corporation's Great TV Shows, "Shower of Stars" and "Climax!" Thursday nights, CBS-TV

DE SOTO FIREDOME 4-DOOR STATION WAGON

2 Power Steering all the time! Other cars still haven't caught up with our *full-time* Power Steering! It helps you 60 minutes of every driving hour!

3 Extra Power Longer! No other American passenger car V-8 engines have dome-type combustion chambers!

4 Safest Brakes! Chrysler Corporation brings you the biggest advance in brakes in 25 years! Easier, surer, longer lining life!

5 Brightest Design Note of 1956! THE FLIGHT-SWEEP—one clean aerodynamic sweep from headlight to upswept rear fender!

You get so much more for what you pay in a car of Chrysler Corporation. See your dealer now!

CHRYSLER CORPORATION

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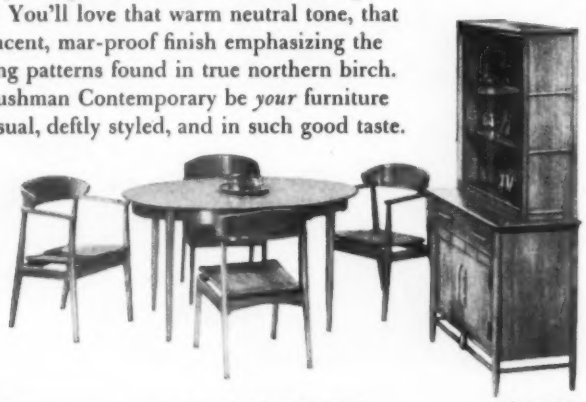
designed with
tomorrow in mind

the
new *Cushman*
CONTEMPORARY

From concept to completion Cushman Contemporary is new, all new . . . its modern lines gently disciplined for comfort and lasting beauty. You'll love that warm neutral tone, that translucent, mar-proof finish emphasizing the intriguing patterns found in true northern birch. Let Cushman Contemporary be *your* furniture . . . so casual, deftly styled, and in such good taste.



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CIGARETTE TABLE . . . only $4.95 Postpaid

This beautiful Cigarette Table, 15" x 12" x 18". A retail value of $8.50 at the very low price of $4.95 to introduce the lovely new finish, superior construction and craftsmanship of Cushman Contemporary.

H. T. CUSHMAN MANUFACTURING CO. Established 1886
Box 558, North Bennington, Vermont

☐ Enclosed find $4.95 for Cigarette Table (add 25c if west of Mississippi) including FREE illustrated folder.

☐ Please send me your FREE folder illustrating the complete new group of Cushman Contemporary Furniture.

PLEASE PRINT

Name _____

Address _____

City _____ Zone _____ State _____

Begins on page 54

contained no carbon dioxide. They supplied this vital element through the soil. An impervious seal between the soil and the atmosphere forced the plants to take up the carbon dioxide through the roots.

Alternate your insecticides

One of our most serious agricultural problems is the resistance insects build to chemical controls.

There are strains of houseflies and cabbage worms that can actually be buried in certain insecticides and still survive.

You're not likely to meet the resistance problem as a home gardener, since resistance occurs only from the constant use of a single pesticide over a long period of time. By alternating DDT and malathion, or a pyrethrum-rotenone mixture, you won't give the insects a chance to build up immunity.

1303 looks good

A new phosphate insecticide, experimentally labeled 1303, looks like a major advance in pest control. It is similar to malathion, and apparently as safe to handle.

It is deadly to the larvae of moths and butterflies. About the only important larval insect it doesn't control is the western Salt Marsh caterpillar. It does an excellent job on codling moth—the insect responsible for worms in apples.

Most exciting of all, it kills cabbage worms resistant to DDT. The cabbage worm gets tougher every year, calling for stronger and stronger applications of previous chemical controls.

Silent, unseen, but expensive

It's unlikely that you've ever seen a nematode, yet nematodes increase the cost of nearly everything you eat and much of what you wear.

A few nematodes live in plant foliage, but most live in the soil, feeding on plant roots, where their damage is hidden. Because of their almost microscopic size, they're tough to control and even tougher to study. Even so, good progress has been made in the last few years. Among late developments are these:

At the University of Rhode Island, scientists report that certain fatty acids are powerful nematode controls. Pelargonic acid and undecylenic acid are 8 to 10 times as effective as chloropicrin—one of the standard controls.

Undecylenic acid even killed the cysts (egg capsules) of the tobacco nematode. These cysts are tough—some can survive up to 20 years in the soil before hatching.

And, at the Florida Agricultural Experiment Stations, evidence is accumulating that nematodes are a major threat to lawns as well as food crops, cotton, and ornamentals. Bermuda, St. Augustine, Centipede, and Zoysia grasses are all attacked at the roots by the Sting nematode. The Lance, Spiral, and Stubby-root nematodes also attack grasses to some extent.

One of the most promising nematode controls is Vapam, first introduced as a fungicide and now used also as a weed killer. It has been discovered that Vapam can be used to control nematodes in the soil around roots of trees in active growth—something impossible to achieve with previous controls, which also destroyed plant life. Citrus trees that were nearly dead from nematode injury made spectacular recovery.

"Don't these Pepperell colors give you ideas for dressing-up your bedroom?"

"EVER-TRU" COLORS IN FITTED SHEETS—WITH 3 EXCLUSIVES!

See the colors that last — insured by Pepperell's color-setting process. In Fitted Sheets with Slip-On* Corners that go on easily . . . are ⅓ stronger . . . and reversibly seamed. 6 colors, sparkling white.

LUXURIOUSLY COLORED NYLON SHEETS—FOR NEW ECONOMY!

Rich and lovely — Pepperell's 4 colors in nylon. These sheets wash easily and dry in no time. And just think — no ironing's necessary! See all Lady Pepperell Sheets at your favorite store.

ELEGANT COLOR TOUCH—SCALLOPED PERCALE SHEETS!

First to introduce colored sheets, Pepperell knows more about color blending. So you get countless combinations of fine-finished color scalloping to choose from. In 6 pastels and crisp white.

*PEPPERELL TRADEMARK

PEPPERELL FABRICS ®

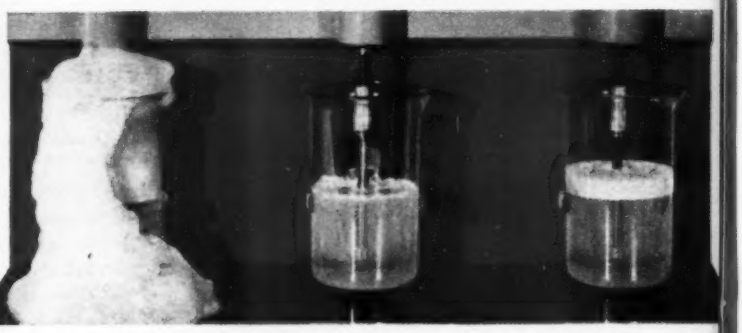
Lady Pepperell sheets

FITTED • REGULAR • COLORS • WHITE • SCALLOPED • PERCALE • MUSLIN • NYLON

Makers of Famous Lady Pepperell Blankets

Look, gals! Here's your answer to cleaner automatic washes!

Proof! Only Dash has so much cleaning power "condensed" into the right suds level!



HIGH-SUDSING DETERGENTS	WEAK-SUDSING DETERGENTS	Dash "CONDENSED SUDS"
Can smother washing action, cause poor cleaning.	Not enough cleaning power . . . so they can't do a good cleaning job.	More cleaning power, right suds level for best machine action, cleaner clothes.

It's Procter & Gamble's **Dash**!

An entirely new and different detergent—gets clothes cleaner than any other product especially made for automatic washers!

Now! You can get cleaner clothes from your automatic washer . . . because Dash is here! An entirely new detergent . . . different from any other automatic-type product! Dash beats them all for cleaning . . . you'll be thrilled when you see those *cleaner*, whiter Dash washes!

Dash's secret is not just low suds—it's more cleaning power. Dash is the first and only detergent to "condense" *so much cleaning power* into the right suds level for best machine action. With Dash's "Condensed Suds" automatics can wash-rinse at *full speed, full power!*

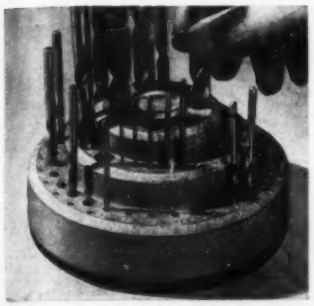
More for your money with Dash! It's so economical to use and gets clothes so much cleaner . . . no other leading automatic-type product can match it! Try Dash in *your* automatic right away!

Dash has been tested and approved by leading makers of every type of automatic washer—including:

Apex • Bendix • Easy • General Electric
Hotpoint • Kelvinator • Kenmore • Maytag • Norge
Speed Queen • Westinghouse • Whirlpool

Dash FOR AUTOMATIC WASHERS

It's NEWS to me!®



"Lazy Sam" revolving drill stand holds two full sets of drills—1 through 60 and 1/16 through ½ by 64ths. Each drill storage hole is marked with easy-to-read numbers and is the exact size to hold the proper drill. Keep it on your workbench or mount it on your drill-press column or wall.

Lazy Sam Revolving Drill Stand, $4.50; drill-press mounting bracket, $2.85; wall mounting bracket, $1.95; ppd. from mfr. Precision Products Co., Route 1, Box 250, Sandy, Ore.

Exciting new development for the home workshop is this portable dust-collecting unit that uses any standard garbage or ash can as its waste receptacle. Machine collects sawdust and dirt right at the machine, can be used for cleaning both the machine and the shop area. Use it in other parts of the house, too. Powered by a ⅓-horsepower motor, unit will operate on any 110-120 volt AC single-phase system.

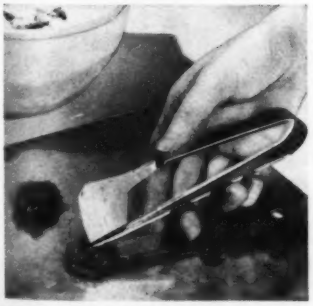
Dustman, $89.50, in stores. Craftools, Inc., 401 Broadway, New York 13, N.Y.

Trends show air conditioners taking on more and more important duties. This newcomer features an electronic germ-killing device that speedily reduces bacteria in the air to insignificant numbers. The three-way unit also ventilates and cools the air; however, the germ killer will be effective all year around and can be operated by itself or in conjunction with the other two functions.

Electronic Germ Killer Air Conditioner, from $328, in stores. Emerson Radio and Phonograph Corp., Jersey City 2, N. J.

"Hands free" telephone has a special microphone that lets you talk while you're busy at the sink, whipping up a cake, or just strolling around the room. It's not even necessary to face the microphone! The voice of the party at the other end is amplified and heard through a special loudspeaker.

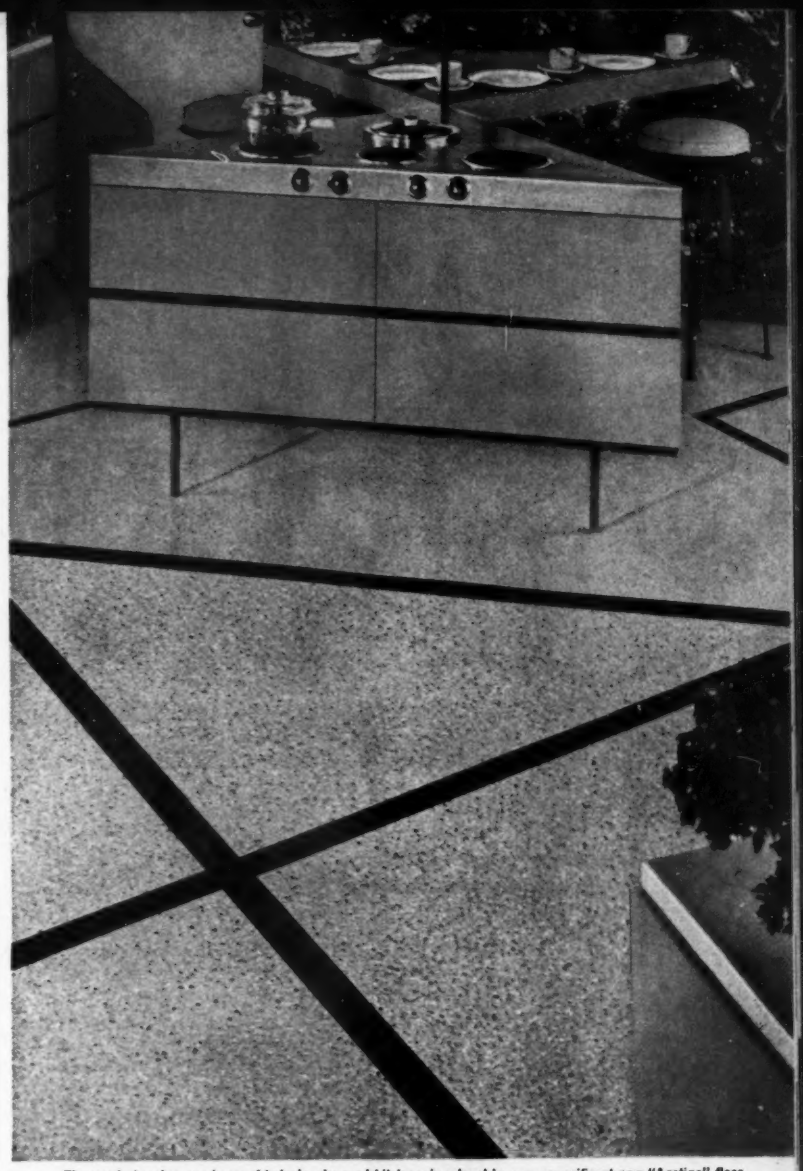
Hands-Free Telephone, available from your local telephone-operating company. Stromberg-Carlson, Rochester 3, N.Y.



Avoid awkward fumbling with two teaspoons to place drop cookies on a cooky sheet. Just a dip in the dough, a press on this handy cooky dropper, and cookies are on the baking sheet ready for the oven. Dropper is stainless, has no seams, measures 6 inches long.

Foley Cookie Dropper, 49c in stores. Foley Mfg. Co., 3300 5th St., N. E., Minneapolis 18, Minn.

More NEWS on next page



The comfort and convenience of today's advanced kitchens is echoed by your magnificent new "Agatine" floor.

B.F.Goodrich

Agatine

The dramatic new floor tile that earns its place in today's most advanced kitchens.

Some floors are quiet and comfortable. Some are easy to clean. Some are handsome to look at. "Agatine" does everything — better! It has all the quiet and comfort of rubber tile. It is made by an exclusive new process that blends gems of color into a super-dense composition. This means "Agatine" has no surface pores to pick up dirt; dirt slides right off it. In between cleanings, you can hardly see a fleck or a footmark against the new, modern pattern. Choice of 16 colors, blended all the way through for wear that outlives the house. Yet enough "Agatine" for an 8′ x 10′ area costs only about $52. See it at your floor covering dealer's.

Koroseal Tile • Rubber Tile • Asphalt Tile • Rubber Cove Base

B.F.Goodrich

B. F. Goodrich Co., Dept. BH2, Flooring Division,
Watertown 72, Mass.
Please send me, without obligation, folder showing all the colors of "Agatine".

Name_____
Address_____
City_____ Zone_____ State_____

© 1956, The B. F. Goodrich Company

Provincial . . .
Hall piece of "old" walnut with flagstone top . . . graceful Bergere chair. Both from the Mediterranea Collection.

Traditional . . .
Console writing table, teakwood top, ebony-finished base . . . comfortable wing chair. From the Cantonesian Group.

Modern . . .
Dark walnut hall piece with slate top, louvred doors. Sculptured wood lounge chair . . . from Circa '60 Collection.

For Booklet picturing living, dining, bedroom groups, send 25¢ to Heritage, Dept. **BH-5,** High Point, N. C. Name of your dealer on request.

Heritage Henredon *fine furniture*

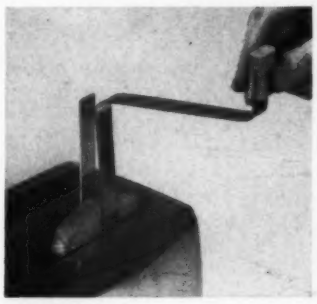
CUSTOM QUALITY AT PRACTICAL PRICES
Factories at High Point, Mocksville, Morganton, N. C.

It's NEWS to me!

Begins on page 59

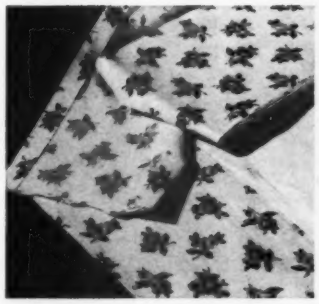
New bathroom line reflects the trend to a luxury look, includes a basket, stool, towel rack, and hamper (pictured here). A gold-thread swirl motif, with scatterings of tiny gold squares, decorates the plastic-finished units. Background colors are turquoise, pink, yellow, blue, white, black, and green. Brass fittings add sparkle.

Golden Glow Hamper (family size) $15.98, in stores. Pearl-Wick Corp., Long Island City 2, N.Y.



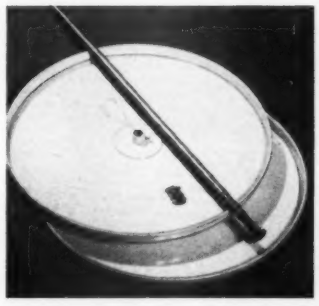
Handy gadget fits in your toaster, so that you can toast small bread slices, sliced muffins, doughnuts, biscuits, frozen waffles, buns, and rolls. Simply insert the adapter, drop in your small slice, push down toaster knobs. When toaster pops up, the toasted item will be within reach or can be lifted easily with your fingers.

E-Z Up, $1 per pair, ppd. from mfr. J. H. Bouman, 8 Westerly Way, Binghamton 5, N.Y.



Ready-to-sew-on borders for sheets, towels, pillowcases are sanforized percale, come in three lively patterns. Choose from Rose Bud (multicolored rose pattern in shades of pink, blue, green, maize, or orchid); Stripes (blue, green, or red); or a flower pattern, Scallops (blue, green, maize, and pink).

Tidy Trim, 39c for 2½ yards, in stores. Assembled Products of Williamsport, Inc., 400 Park Ave., Williamsport, Pa.

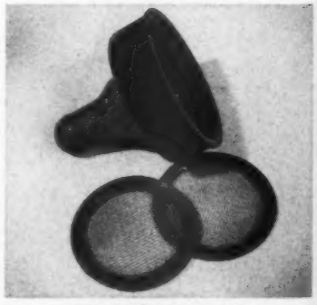


The article you're reaching for will always be "front and center" when you take advantage of revolving shelves to best utilize existing kitchen-cabinet space. This assembly includes two circular steel trays with chip-proof baked-enamel finish, pipe, and necessary bearing hardware. Three sizes are available: 18-inch diameter, 20¾-inch diameter, and 24-inch diameter.

Rev-A-Tray, $13.95 for 18-inch size; $15.95 for 20¾-inch size; $18.45 for 24-inch size, in stores. Lake Drive Products Co., Inc., Edgerton, Wis.

Laundry basket made of cushion-soft plastic will be a success because it can't snag or stain clothes, neither will it mar floors or walls. Best of all, it's so light to carry! Basket's oval in shape (24x18x11¼ inches) with handles molded in as a part of the flanged rim. To clean, simply wipe with a damp cloth. Choose from a rainbow of colors.

Lustro-Ware Laundry Basket, $3.95, in stores. Columbus Plastic Products, Inc., Columbus, Ohio.



Tiny straining device is designed to fit a standard nursing bottle and prevent nipple clogging—even when prestraining will not. Each little strainer is rustproof, easily boiled and cleaned. One set usually lasts as long as baby is bottle-fed.

Flowettes, $1 for set of 8, in stores or ppd. from mfr. Kay Products Co., Box 16, Overton, Nebr.

More NEWS on page 62

there's nothing like PURE IRISH LINEN

Lustrous, luxurious, pure Irish Linen damask, the perfect complement to gracious dining, the extraordinary fabric that flatters every decor be it modern or traditional. Nothing compares with the long-lasting beauty of pure Irish Linen. That's why we suggest that you always look for the name Irish Linen... "imported" is not enough.

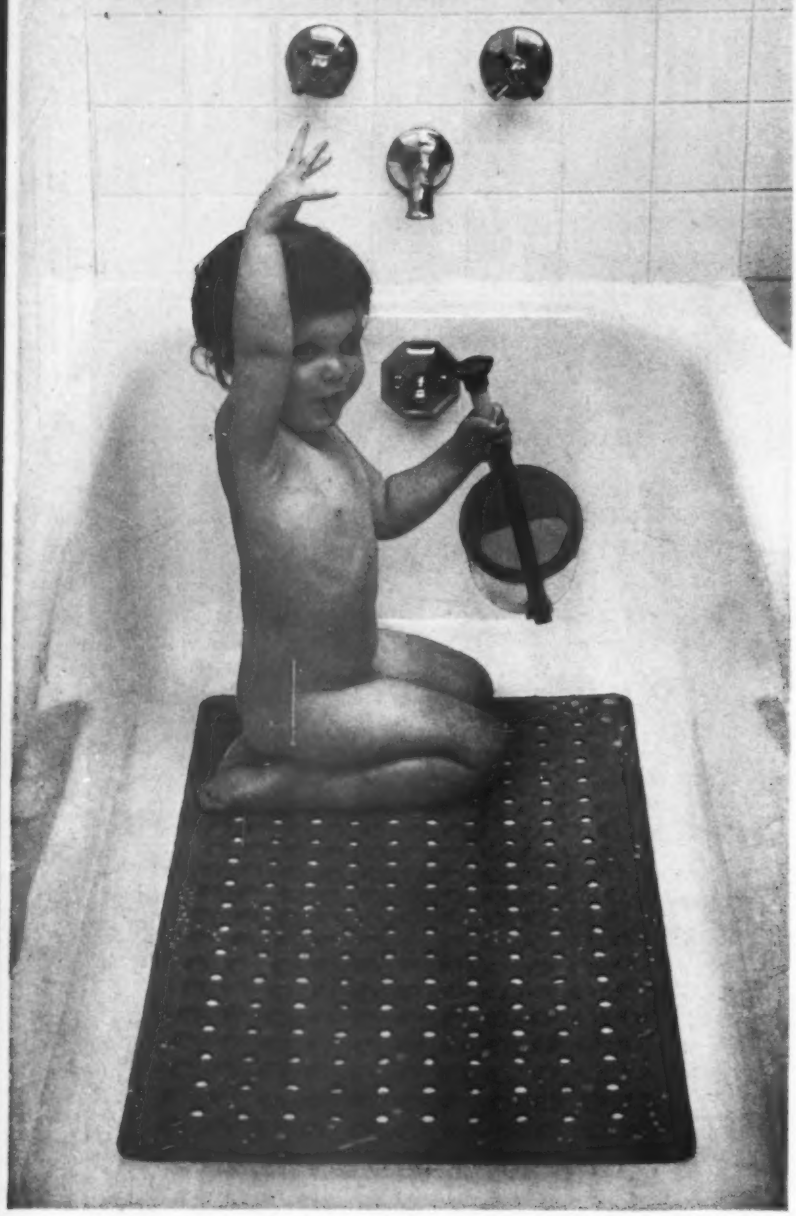
A wonderful welcome to family and guests. Pure Irish Linen place mats in colorful new designs for every occasion.

Whatever the shape of your table, you'll find an endless variety of colors and prints in Irish Linen luncheon cloths.

THE IRISH
LINEN GUILD
1270 Avenue of the Americas
New York 20, N. Y.

TRADE MARK IRISH LINEN LOVELY · LASTING · ECONOMICAL

Even small ones are safe on a Rubbermaid bathtub mat



True. Even your frisky tots are safe! Because over 100 vacuum cups grip the bottom of your tub and grasp firmly, wet or dry. This remarkable Rubbermaid Safti-Cup design gives you firm, comfortable footing from the moment you step into the tub . . . helps protect you from unexpected slips and skids. Available wherever housewares are sold. Sizes, from $1.98 to $2.98.

Rubbermaid®

Over 60 fine products in your choice of fresh colors

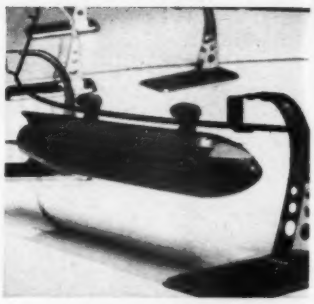
Rubbermaid Toilet Top Tray, perfect parking place for toiletries. Helps keep bathroom tidy; no liquids spill over high-rim tray, $1.29. For free folder, write The Wooster Rubber Co., Dept. B-36, Wooster, O.

Guaranteed by Good Housekeeping

Prices slightly higher in Canada

It's NEWS to me!

Continued from page 60



This is a jet-age special, as any up-to-date youngster can tell you. Called the Jetrail Express, it's battery-powered to whiz along its single rail at scale speeds exceeding 200 mph. It's simple to assemble, too, and made of practical, high-impact plastic.

Jetrail Express, $9.95, in stores. Jetrail Co., 1525 Monterey Road, So. Pasadena, Calif.

Pretty wastebasket has a quilted moire cover, bright gilt binding around the top and bottom. Zippered cover is removable, and a transparent plastic layer protects it from scuff and soil, makes it easy to clea: Choose from blue, emerald, gold, j>t, pink, red, rose, tangerine, and white.

Moire-covered wastebasket, $7.95, in stores. Ann Seton, Inc., 7 W. 36th St., New York 18, N.Y.

Have a creative fling. Do-it-yourself kit helps you turn out a beautiful mosaic table that'll be the envy of everyone you know. Kit includes ceramic tiles, drilled table top, brass frame, matching legs and cement. No start-from-scratch job this; use only a screwdriver to put the table together. Eighty-eight different tile colors are available.

Mosaic Table Kit, $37.95, express collect (30-inch diameter, 15 inches high) from mfr. Ceramicraft, 6 Morris Turnpike, Summit, N. J.

Pen-type adhesive applicator ejects a dot of rubber cement each time it's tapped. Put it to work at a dozen tasks: photo mounting, scrapbooks, filing recipes, sealing gift parcels, attaching stamps or sealing envelopes. Applicator holds enough adhesive to make about 5,000 dots, and refills are available at only 10c each.

Poppet, $1 each, ppd. from mfr. Poppet Corp., Dept. BHG, 8707 Hudson Blvd., North Bergen, N. J.

Terry trio for the kitchen consists of apron, towel, and four place mats. Pots 'n pans march along the border of this set, but two other patterns are available, too: a lively collection of vegetables, and a cute trivet illustration. Colors are gold, pink, aqua, and light green with black design; red and tangerine with white design.

Modern Kitchen Terries, $5 the set (also available separately), in stores. Callaway Mills, Inc., 295 Fifth Ave., New York 16, N.Y.

Fitted sheets for a youngster's crib are lively with a rollicking collection of circus animals. Lions and tigers, long-necked giraffes—even a plodding hippo—all appear in the illustrated zoo. Sunny pastel colors add freshness to the nursery decor, and fitted corners keep bed looking trim. Sheets are preshrunk.

Animal Party Birdseye Fitted Crib Sheets, $1.79 each, in stores. George Wood Sons, Inc., Independence Square, Philadelphia 5, Pa.

WEST BEND reminders for

Mother's Day

June weddings, anniversaries and birthdays

Flavo-matic Twosome

She'll enjoy delicious coffee — made **automatically** — and what's more, West Bend's Flavo-matic Twosome (2 to 5 and 6 to 8 cup) will make the right amount for any occasion — from 2 to 13 cups or more. **Completely automatic** — coffee stays at serving temperature without re-perking. In sparkling aluminum, gift-packed Twosome for only **$23.45*** **(less than you'd expect to pay for one).**

Individual Flavo-matics

	2-5 CUP	6-8 CUP
polished aluminum	$10.95*	$12.50*
copper color aluminum	$12.50*	$13.95*
gleaming chrome	$16.95*	$18.95*

WEST BEND®

new Automatic Skillet

For a glorious new experience — set the temperature dial of the new West Bend automatic skillet — then relax and enjoy **effortless automatic cooking** with perfect results. Whether it's tender chops or steaks, golden brown chicken, pancakes, eggs or even candy, West Bend assures balanced even heat, according to dial setting (no hot spots — no cold spots) over every inch of the cooking surface. Vented cover and continuous pouring lip are two other West Bend exclusives. Cooking's fun — with **West Bend's new automatic skillet!** In polished aluminum, 11" x 11", family size; 3¾ qt. capacity. With polished aluminum cover, **$22.95***; with copper-color aluminum cover, **$23.45***

$19.95* WITHOUT COVER

at housewares, hardware, gift and appliance stores; prices slightly higher in Canada

* INCLUDES CORD AND EXCISE TAX

WEST BEND ALUMINUM CO. Dept. 565 **WEST BEND, WISCONSIN**

CANISTER SET

Colonial silhouettes identify contents. Complete set of four, copper-color, $9.95; polished aluminum, $7.95.

CAKE HUMIDOR

Cover locks securely to tray. Handle-knob on cover for easy carrying. Copper-color, $5.95; polished aluminum, $4.50.

FRYER-ROASTER-SERVER

For deep frying, roasting, serving, cooking, candy making, steaming, blanching. Aluminum. 4 qt. family size. Fry basket, recipe book. $19.95.*

PENGUIN SERVER

Keeps ice cubes solid for hours. Retains heat in hot dishes. Chrome and stainless steel. 2 qts. $7.95.

ELECTRIC BEAN POT

Simmer-bakes beans to old-fashioned goodness. Ceramic pot with separate heating unit. $7.95.*

ELECTRIC PORTABLE MIXER

Sunshine for your kitchen; in attractive citron yellow. Stand-up heel rest. 3 speeds. $19.95.*

BOWLMASTER STAINLESS STEEL MIXING BOWLS

Wide rims. Look for Bowlmaster name on side of bowl. 3½, 1½, ¾ quart sizes. Set of 3, $6.95.

Less "GUEST WORK"

DISPOSABLE ®
MASSLINN
non-woven
rayon and cotton CLOTH

Luxurious as linen!
Double as
dust cloths, later.

At Better Stores Everywhere

"How I use Murine for tired eyes"

Busy every day as a model, lovely Miss Gallagher must *look* rested and radiant for the camera no matter how she *feels*. That's why she carries a bottle of Murine in her make-up box, uses it frequently to refresh her eyes. Find out for yourself how just 2 drops of Murine in each eye can seem to relieve fatigue, help you feel bright-eyed!

MURINE *for your eyes**

The Murine Co. Inc., Chicago, U.S.A.
*Trademarks Reg. U.S. Pat. Off.

Pruning lilacs for bloom

Feed and water, sure, but don't forget that pruning shears can help you grow finer lilac flowers

Lilac flowers are produced at the tips of young stems grown the year before.

As picture at left shows, while flowers are developing, side shoots just below begin to grow. These young shoots will produce flowers the following spring.

Prune after flowering, and you won't lose any of current year's flowers.

Photographs: Stanley

When the flowers have faded, you can give the plants an extra boost by cutting off the old flower heads.

This keeps them from going to seed. Instead, they'll use the energy for extra growth.

If plants are young, this may be the only pruning needed. But if they are old, another type of pruning will be needed, as shown below.

Size of lilac flowers depends on the vigor and strength of the shoot they grow on.

Spindly stems, like that in left hand, produce small flowers or none at all. By contrast, a strong stem like that on the right, has several large well-developed flowers.

Pruning will help the plants develop vigorous flowering wood and eliminate the weak.

Prune soon after the flowers fade, so you don't remove too much new growth.

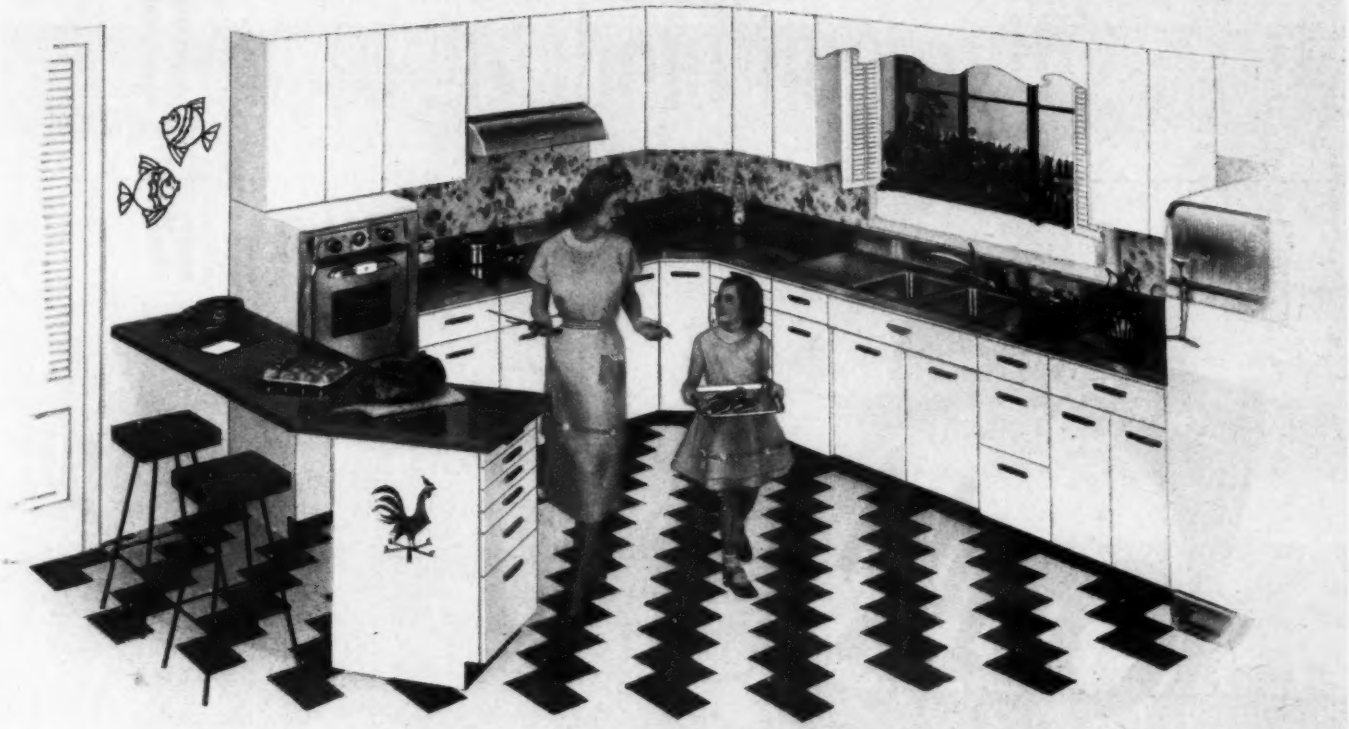
First, cut off extra suckers below soil level. Then remove stems that made few flowers.

If plant is mature, remove one or two of older branches at base to encourage growth of strong new shoots.

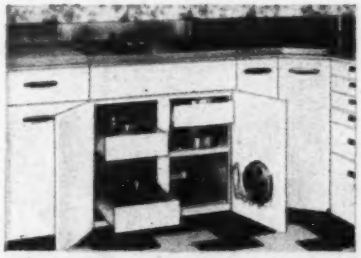
Cut back the top only as necessary to control shape.

Prelude Pink . . .

in a Republic Steel Kitchen at no extra cost



wonderful work-saving features make it your practical pink cloud



Largo Yellow—and wonderful planning! Built-ins safely lodged in fire-resistant steel cabinets. Whisper-quiet inner sliding drawers organize cupboard space below.

Harmony Hues—the perfect answer to color in your kitchen—were created by Republic Steel Kitchens to blend, harmonize, contrast flatteringly with deep tones or other pastels.

Choose from three new delicate tones—Prelude Pink, Tempo Turquoise, Largo Yellow. Harmony Hues blend with new-trend appliances in color, mingle tastefully with decorating materials. They promise a fresh, never-grow-tired beauty for your kitchen—so important in a *lifetime investment!*

Visit your Republic Steel Kitchens dealer—See for yourself how Republic Steel, the only company with mine-to-market facilities, gives you the most for your kitchen dollar.

Tempo Turquoise—and a lovely stainless steel sink! ENDURO® Stainless Steel, made by Republic. You'll find its carefree satin finish becomes even lovelier with use.

REPUBLIC STEEL KITCHENS

in Harmony Hues

Get this Colorful Kitchen Planning Book

Send 25c and this coupon filled out, for Praise-Winning Kitchens. Mail to Republic Steel Kitchens, 1038 Belden Avenue, Canton 5, Ohio.

Name _____

Address _____ County _____

City _____ Zone _____ State _____

BHG-265

New arrival! The only detergent that

Contains its own Bleach!

Washday wonder of wonders!
... a detergent that actually
BLEACHES CLOTHES WHITE
as it washes them clean.
New Oxydol! Only Oxydol!

Think of it! ... the first and *only* suds that gets your clothes *detergent* clean ... and *bleach* white ... and helps *remove stains* as no other suds can do ... all in one simple operation! No need to add separate bleach, no ma'am, because only this new Oxydol has its own bleach. *Oxygen* Bleach. Safe for colors? Sure! It's wonderful *color-safe* Oxygen Bleach! Safe for everything you wash! So *you* get this bright new package containing America's most modern detergent, Oxydol ... the only leading detergent that contains its *own* bleach!

Tips on measuring

How to draw a plan

How to go about improving your kitchen

Work centers, extra areas

By Anne Anderson and Ann Worden

Planning, decorating help

IT'S TIME FOR A CHANGE if your present kitchen is bogged down with skyscraper ceilings, stoop-and-reach storage, has a gone-are-the-days look and no room for eating or laundry. Get rid of those "multi" doors and windows, race-track work patterns, lone-standing appliances. It takes planning to get a kitchen that's workable, livable, and pretty, so don't expect overnight miracles. We bring you hundreds of ideas on how and where to start, help on updating your kitchen.

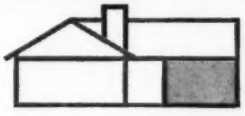
Kitchen eating places

Where to put doors, windows

Score kitchen efficiency

Enter the Home Improvement Contest!

KITCHEN-UTILITY AREAS



IF you're planning a remodeling for your kitchen (or anywhere in or around the house, for that matter) remember to take a flock of "before" snapshots. When re-do is finished, send them in together with snapshots of your results, floor plans, and descriptive information. You may win part of the $25,000 Home Improvement Contest prize money. Improvements of the type shown in this story would go in the contest's "Kitchen-Utility Area" division. More details on other divisions and how to enter are on page 6.

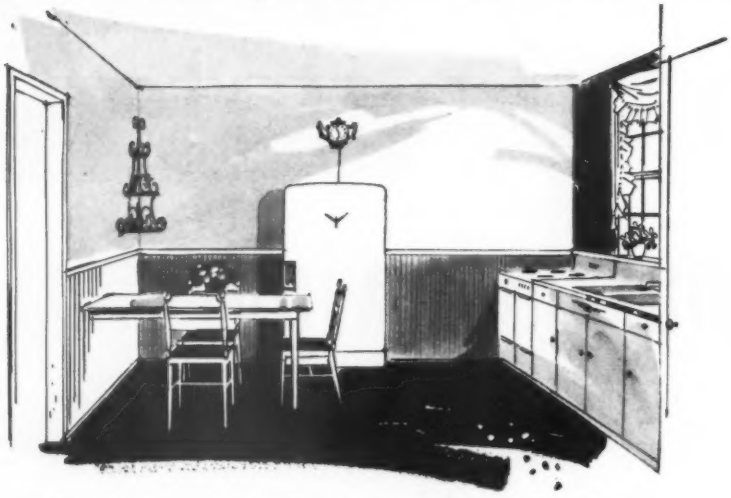
Getting enough counter space

Cabinet storage ideas

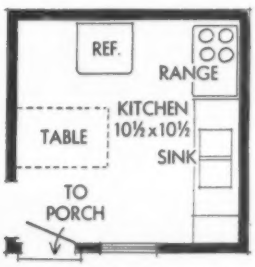
New appliance roundup

Look ahead for the way to a new and better kitchen

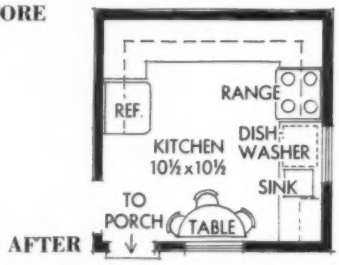
These folks did it themselves . . . on a $550 budget



Before. A minimum kitchen. Note lonesome refrigerator. Drop-down eating table when in use blocked refrigerator so the door couldn't be opened



Poor plan robbed the kitchen, let it do only part of its job



By relocating the refrigerator one wall was free for cabinets

A small and poorly arranged kitchen was the big problem facing Mr. and Mrs. C. H. Cannon, Glendale, Missouri. There were no work counters and just a mite of storage in their old 10½-foot-square kitchen. They wanted a better kitchen, but their budget was small. The only solution was to do it themselves. And they did . . . with $550 they got through an F.H.A. home-improvement loan. There was still another problem—time. Mr. Cannon, a salesman and away weekdays, had only weekends for the remodeling project. And it took him only six weeks to get the job done!

The new kitchen was carefully planned. With such a small area, there were many limitations. However, a kitchen eat place was a "must." The Cannons evaluated what they wanted against what they had. To get a work counter, they had to give up their 66-inch double-bowl-and-drain sink and a 40-inch range. They settled for a 30-inch electric range and a tiny sink with an undercounter dishwasher next to it. Selling "old" appliances helped defray remodeling costs.

Mr. Cannon, an amateur handyman, made all cabinets (including louvers) with a multipurpose power tool, and also tackled the plumbing, wiring, plastering, and tiling himself.

→

Breakfast, lunch are pleasant at this gay eating area. It's not elaborate, but does cut down steps at mealtime. To save space, door at right was rehinged to open out onto glassed-in porch instead of kitchen as before (see plans). Perky curtains are Mrs. Cannon's creation

Bonus work space in reorganized kitchen. Bobby puts new counter to use with corn-popping activities. Midget-size sink with waste disposer replaces jumbo sink. Undercounter dishwasher is extra helper. Mrs. Cannon chose unusual color scheme to give this tiny kitchen an individual look. Shelves at right display her milk-glass collection

Photographs: Suter, Hedrich-Blessing

A new mixing center, no less! And a handsome and roomy one it is. In old kitchen, refrigerator was parked smack in middle against wall with no cabinets to share work load. Note smart use of paint on upper cabinets, stain on base cabinets. Louvered doors are lined with plywood to keep dust out of dishes, bowls, utensils stored there. Wallpaper on soffit is same pattern as curtain fabric

Check list of good ideas to consider when remodeling or planning a new kitchen

- **Doors.** The fewer, the better. Close up "extras"; or if they lead to little-used room, open them up and absorb into kitchen. Be sure doors are wide to let new appliances go through.

- **Windows.** Bring them up to date. Out with the little fellas. Remember that windows should equal 10 to 15 percent of kitchen floor space for good daylight. It's nice to have windows over sink and near eating area. For safety and efficiency, avoid having them over your range.

- **Size of room.** Trend is back to large family kitchen. Include back porch, pantry, or small room and add them to present kitchen. Or if you can't enlarge, rearrange for better use of space.

- **Equipment.** Want to modernize? Consider what you plan to keep and also appliances you want to add—built-ins and combinations. Preview of new equipment is on page 123. Also, window-shop. A new concept this year: kitchen as a package unit—sold complete with walls, cabinets, appliances.

- **Plumbing.** It'll pay you to try to use the present location and develop a new kitchen plan from there. However, it's not always possible to have good kitchen arrangement by doing this, so a complete change may be necessary for improvement. It's also a good idea to plan your laundry nearby so it utilizes the kitchen plumbing.

- **Ventilation.** Important to include some way to get rid of cooking odors, grease, and smoke—with a kitchen ventilator and/or an air conditioner. Remember to place ventilator as close as possible to source of heat or range.

- **Wiring and lighting.** With all new automatic electric helpers, revamping is often necessary for adequate, safe wiring. Consult specialist. Besides general lighting, spotlight work centers.

- **Financing.** Investigate such recent wrinkles in financing as the open-end mortgage. Also, F.H.A. Title 1 and conventional home-improvement loans available through banks and other lending institutions.

Turn page for more remodeling ideas

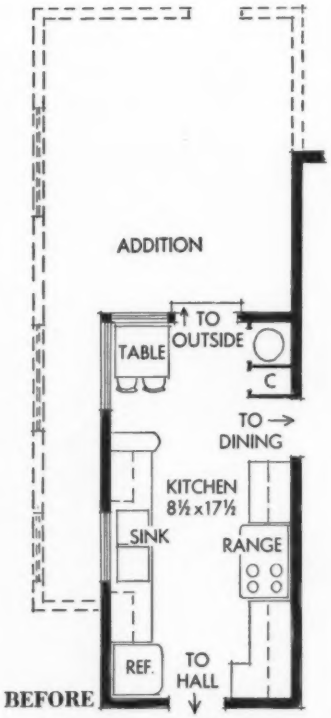
An addition plus a move netted this hard-working kitchen

Some family situations make it desirable to keep or buy an older home, and remodeling may be the only way to gain the needed "new kitchen." Look here to see what can be done and help yourself to these ideas for your kitchen

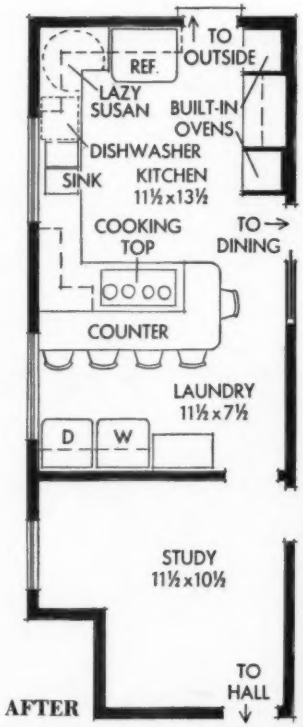
Photographs: Shulman. Designer: Southern California Gas Co. Data: Barbara Lenox

Slick and modern . . . yet warm and inviting is remodeled kitchen of Theda and Emerson Hall, Los Angeles. New eating counter outlines gas cooking top, makes short-order meals easier than ever. Peninsula like this takes advantage of floor space that's sometimes wasted. Suspended pin lamps focus light on eating area

Super built-in oven arrangement. Note that ovens are separated by tile work counter that's dandy for setting down hot pans. Double use for this area—it's also Theda Hall's mixing center. Ingredients are in the shallow cabinet above; bowls, rolling pin, other utensils are in the cabinet below



Long and narrow old kitchen offered no chance for good rearrangement, was divided by traffic lane, and had no room for new laundry equipment

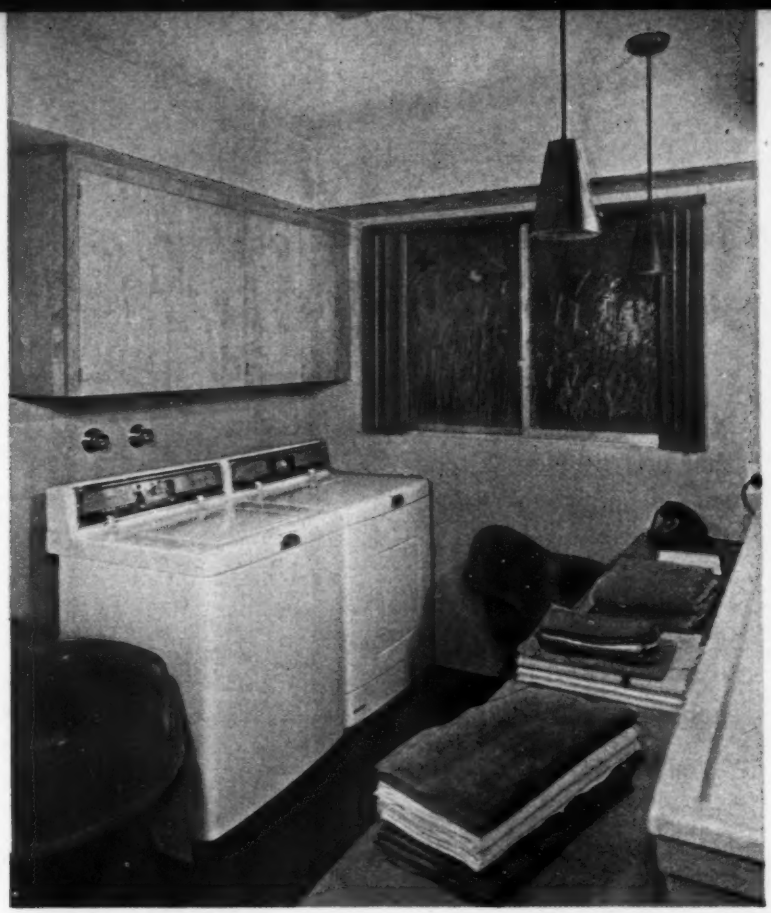


Walls were pushed out to make way for better kitchen. Note that washer and dryer are in kitchen but are separated from food-preparation center

BEFORE. Gay-nineties kitchen didn't add up to what was expected of it

Mel Jones

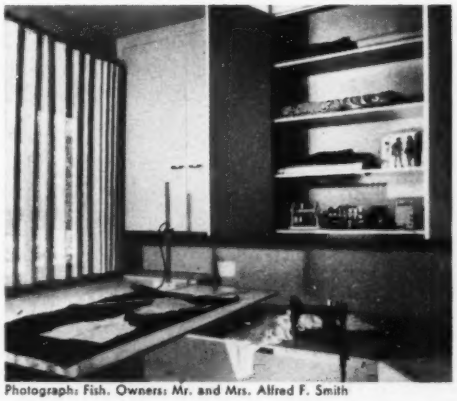
While theirs was not a bad kitchen, the Halls wanted to find a larger, more comfortable and pleasant eating location; include more cabinet storage; get rid of the runway through their work areas; and to update uninspired decorating. Job was major one



Automatic laundry equipment moved into kitchen in this re-do, making it possible to wash a load of clothes any time. Nearby counter makes a good folding surface. Soaps, syndets, bleaches, bluing are housed in cabinets above washer and dryer. Windows are of decorative opaque plastic, let daylight in, but break the view of the house next door

Related centers in your kitchen

If space allows, plan to include other activity areas to get the most out of your kitchen . . . eating, laundry, freezer, planning desk, hobbies, children's play corner, TV, cleaning storage



Photograph: Fish. Owners: Mr. and Mrs. Alfred F. Smith

← With the sewing, cutting, and fitting area in the kitchen, the lady who does a lot of sewing for her family can accomplish many projects in snatches while meat browns on range, or cakes, cookies bake in oven

Decorator: Marcus Saxxser. Owners: Lloyd Greggs

This family incorporated three areas efficiently and handsomely . . . eating, planning desk, and TV. Here TV is on swivel base so Mother may watch it from kitchen side while she does her daily jobs; family can watch at mealtime →

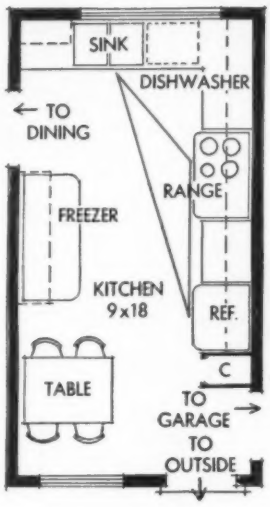
Photograph: Gaynor. Owner: Lewis D. W. Hall. Data: Louise Price Bell

A fireplace in the kitchen adds charm and warmth. Here's a present-day version of an old and wonderful idea. Brick used in fireplace was extended to make counterlike wall . . . fine for buffets. Or a small prefab may be the answer in your kitchen

Turn page for more planning helps

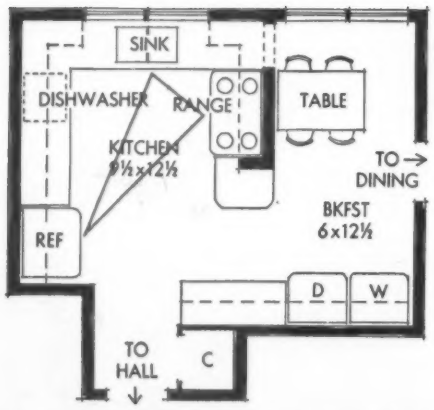
Basic "patterns" for arranging appliances and cabinets

Corridor, L-shape, U-shape, or one-wall—choose type that best fits your kitchen. Doors should not break into work areas. "Work triangle" (red on plans) is path from range to refrigerator to sink to range. Total distance should not exceed 22 feet.



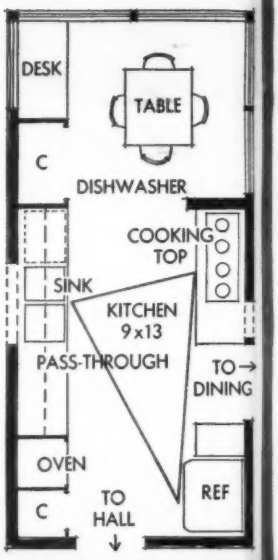
← **L-shape** kitchen has continuous counters and equipment on two adjacent walls, a work area not crossed by traffic.

This pattern leaves free space along other two walls for doors, eat spot, play space, freezer, or laundry.



← **U-shape** plan is usually more stepsaving than other types, has smaller triangle of walking between appliances. Try to have open area in U, 5 feet wide; 4 feet is minimum.

Range wall divides this large room, providing a separate dining area, laundry.



Corridor arrangement is often used if room is long and narrow. Storage, work tops, and appliances line up on two opposite walls. ➡

Kitchen should be at least 8 feet wide. If possible, have sink-to-range measurement between 4 to 6 feet to save steps.

Architect: Norman M. Veseteky, Decorator: Earl Perreault. Owners: Mr. and Mrs. R. A. Foster

Photograph: de Gennaro. Architect: Richard Dorman. Owners: Mr. and Mrs. Gerald Tomkin

Architect: Thomas F. Cunningham. Decorator: Marion Hauer Interiors. Owners: Mr. and Mrs. Wilfred Stanhouse

Plan stepsaving work centers in your kitchen

Well-organized work areas are important. Store supplies and utensils right where they will be first used. Make a list of these items needed at sink, range, refrigerator. You will probably have duplicates of spoons, measuring cups, knives, other small equipment. Then plan cabinets needed at each work center. Check special hints below

Turn to page 342

Mixing and baking center. Place refrigerator so that door swings away from landing top adjoining it. At least a 36-inch space is needed for mixing. This counter can be lowered, as shown, to make pastry rolling or stirring with a long-handled spoon an easier job.

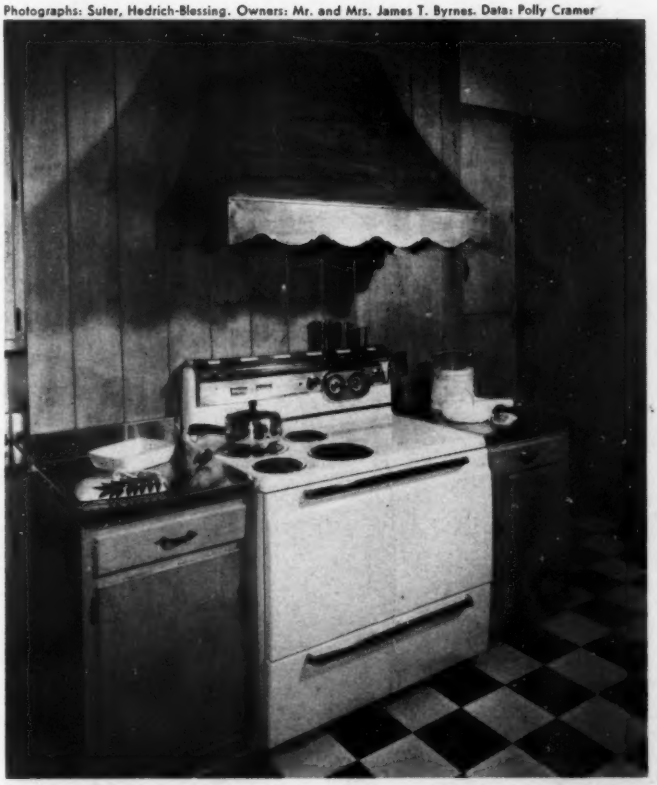
There's storage galore here for mixing bowls, utensils, baking pans, and staples. Another stepsaver: Locate ovens near baking center, as in this kitchen.

Cleanup center. Sink, dishwasher, and food-waste disposer are main appliances in this area. Adequate counters for stacking dishes, and cabinets near at hand for dish storage are "musts" to plan for, of course.

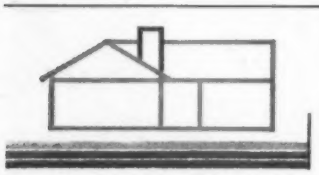
Good lighting is essential—here a pin lamp is used to prevent working in a shadow. Cabinets directly over sink are built higher with enough clearance for comfortable use of sink, allowance for dishwasher lid.

Hopkins

Photographs: Suter, Hedrich-Blessing. Owners: Mr. and Mrs. James T. Byrnes. Data: Polly Cramer



Range center is best located near dining-room door. If well planned, there's at least a 24-inch work counter for serving; plenty of storage for skillets, pans, platters; drawers to hold forks, spatulas, spoons. For best results, install ventilator with hood directly above cooking top to remove smoke and odors. Hot pans can land safely on these stainless-steel counters



Live from lot line to lot line

Enter outside projects in Exteriors division of Home Improvement Contest. See page 6

Picture-pretty in six weeks!

By Fleeta Brownell Woodroffe

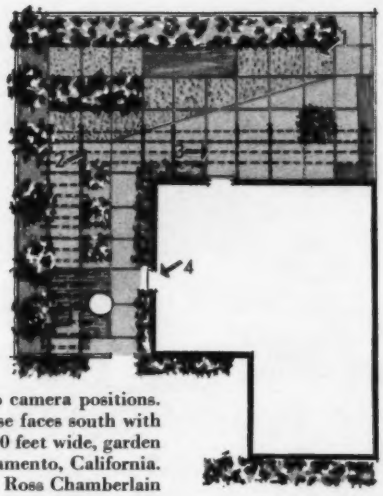
Photographs: Weymouth. Landscape architect: Douglas Baylis

2. All planting areas are marked off and framed right at the start. This makes for neatness and gives form while shrubs and plants are small. Raised beds look important, and with edges capped, double as extra seating. Two colors of stain make a plain fence interesting

3. Handy work corner is formed by fence which continues line of side of house. Same lattice roof that extends all across rear of house shelters it. Bench top comes just below the "Chief Gardener's" hipbone—a comfortable working height. The foliage seen at left is from a planted "island" in concrete. See plan

1. Lattice shade increases summer living space by half. Note that concrete paving is confined to area that gets most wear. Aggregate surfacing one inch deep gives immediate effect, is neat, saves water, saves mowing, and costs little. Started annuals bloom quickly

4. Lath and reed-matting screen on west give immediate shade and make side yard usable and private. It makes possible a cool flowery effect with hanging baskets swung safely above play space for children. Unmortared brick paving stops tracking of sand into the house and gives steady footing for furniture



Numbers correspond to camera positions. A corner property, house faces south with garage at front. Lot is 90 feet wide, garden only 30 feet deep. Sacramento, California. The owner-developer is Ross Chamberlain

WHY WAIT? Here's what you can do when you plant annuals already started in pots and flats. Here's how to be comfortable under lath shades while your young trees are growing. Here is the way to begin enjoying your new property just as soon as the painters leave.

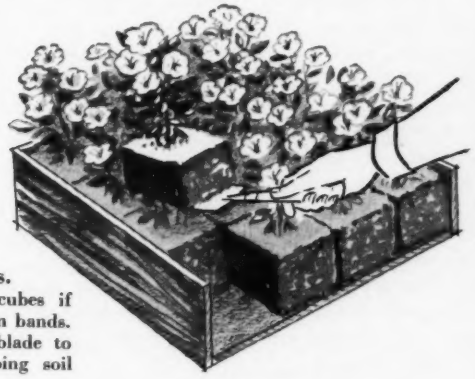
More on next page

You get your color in a big hurry when you shift plants already started

WHAT packaged mixes do for the cook short of time or experience is now matched for new and older gardeners by commercial growers of plants. There are no better short cuts to beds and flower boxes full of color. You get so much —and so quickly—when you buy started plants.

Weymouth

Prettiest ever seen. The new zinnia Kismet has quilled and curled petals of glowing Persian red. You also see it in first picture of this garden with Nearest-to-white Marigolds. Beyond Kismet are Aster Blue Peony, Tetra Blue Ageratum, Orange Mum Marigolds. Allow for spread when planting but group several of each



Save the roots. Cut soil into cubes if plants are not in bands. Lift with flat blade to prevent disturbing soil

←

All colors—all heights—ready to go! Pinks, celosias, coleus, alyssum, phlox, annual dahlias, verbenas, pansies, bedding violas, calendulas, snapdragons, sweet-williams, are also offered by fine plantsmen like Phil Chandler of famous Evans and Reeves

de Gennaro

Badger

Nothing gayer or easier to grow. This is Carnival, one of the newest color mixtures in petunias of hybrid vigor. Center stocky young plants a foot apart in full sun to get an effect like this. Look also for lovely blue-violet Serenade, baby-pink Linda, and new salmon-red Fire Dance

Whoppers! These are prize specimens of New Century zinnias which claim the record for size of individual blooms. Colors are a nice blend of orange, gold, and rosy-fawn. Smoothly tailored flowers are characteristic of New Century plants. Ask also to see Blaze and Floradale Scarlet—most vivid reds among zinnias. And don't forget to inquire for the handsome newcomer appropriately called Ice cream

See also, With this garden plan you suit yourself, page 318

P-h-h-f-t!

We were in the dark when we saw the light

"Fire rotisseries!"

Drawings: George Price

No live wire at this party

"Fire rotisseries!" I signaled Doris from the front door . . . at least, that's where it all began.

I had scheduled the evening's activities with the stop-watch precision of a time-motion expert. At the appointed hour (7 p.m.), guests would start arriving. The first arrival would be greeted by my instructions to Doris to plug in the rotisseries. (We had two. One hesitantly borrowed from our uninvited neighbors.) The small broilers would start perspiring precisely with the first guest. Chantilly potatoes, artichoke hearts, rolls, and black-bottom pie—other good things would follow.

Doris was to learn I had joined psychology with science. Or better, the emotional problem and electricity. Possible emotional problems—our two smallest youngsters, a teen-aged daughter, and Grandpa—were solved in the same order: early dinner and TV upstairs, early dinner and hi-fi in the study, early dinner and the run of my basement workshop.

The sum of our *planned* evening: Hors d'oeuvres, dinner, dessert at seven, eight, and nine respectively. Order and time couldn't have been more wrong, less respective. Hors d'oeuvres were at seven-thirty, dinner was served at midnight, and we're going to invite the group back for dessert some other time.

Just how it happened is quite a story. Of course, as a woman, Doris likes to think of the evening as my blooper, likes to dwell on my "science-and-psychology" phrase. But she still doesn't tell it as a funny story.

Electricity, itself, was no problem. When Doris testily pointed out that there was only one outlet left in the kitchen, I couldn't restrain a "wirey" smile as I produced a three-way socket purchased the day before. *Two* for the rotisseries and one for any oversight on Doris' part.

Had anything escaped these finely drawn instructions? Indeed not. At six forty-five, I informed the family to take their places. The front-entrance lights were to go on. Seconds ticked off. We were expecting five couples.

Since being appointed a district manager (owe it all to the well-laid plan), I've made it a pleasant annual tradition to ask our district's best customer to dinner along with my salesmen and their wives.

The doorbell rang.

"Rotisseries ready?"

"George!" Doris replied.

"Roger." I corrected her. "Fire one."

I was having fun.

I opened the door gingerly. Al, our firm's client, led the

group. Jim and Shirley, Tom and Kay, John and Florence all arrived together, having joined forces earlier. We exchanged greetings. Took their coats. Doris plugged in the rotisseries.

The entire house was plunged into total darkness.

"Something's gone haywire," a sad pun on my part.

"A failure at the power station?" John suggested. But the lights were on in every other house.

From Doris, the unkindest cut: "Well, old 'Science-and-Psychology', a well-laid plan or a well-laid egg?"

A fuse, of course.

"Do you have circuit breakers?" Al asked with some authority. Then interjected: "They picked a good time to break!"

Such remarks touched off a series of puns, the weakest of which was "maybe we can play 'Watt's My Line?' "

Is this the kind of humor used on all our customers?

I asked the group to find their way to comfortable seating, relax—and smoke if they liked. A good soldier, Doris served hors d'oeuvres while someone held a match. She stayed on to develop such small talk as was possible with near strangers in total darkness.

Al (who said he knew about such things) and I tackled the basement where great heaps of miscellany—and Grandpa—challenged every step to the fuse box. In this case, *not* seeing was believing. We had blown a main-line fuse, and had no spares. Al noted profoundly that it had always seemed wise to him to keep extra fuses on hand. He did volunteer to stay by the fuse box, but not without letting drop some remark about never finding it again if we both left. I took off for the first store that (a) sold fuses and (b) was open.

I returned within an hour. No fuses. The good neighbors next door handed me a box on "loan." (He used the term, stiffly aware we were having a party to which neighbors, *good* neighbors, had not been asked.)

Al was asleep, but still at his post when I returned.

The new fuse in place a moment later, the lights blazed up. Television again rescued our youngest upstairs and the Crewcuts let it be known that the hi-fi was operable in the study. Grandpa was back at the power saw. The stove and oven were in production. This time I had Doris plug the rotisseries across from one another in the kitchen.

Once again darkness descended upon all.

I assumed a cheery tone, assuring our guests there had been darker days (the great depression, World War II, last month's sales figures, and so on). I capped my remarks by saying this would be the best dinner they'd ever had. Doris gasped.

"Or," I added still more chipper, "the best breakfast."

I told Doris frankly that I had counted on this remark to bring the house down.

"Not the house, too!" Doris muttered.

My next exploration in unknown regions was the attic. The architect's plans would show which rooms (thus, which appliances!) were on the same circuit. We studied the drawings, but no one quite understood what the architect was up to.

This was no time for squeamishness, panic, or the like. It was time for bold action. I unplugged everything. Then grabbed up a rotisserie. I plugged one in the dining room and another in the living room. Wrong combination. Another dead fuse. Tried plugging one in a garage outlet, and sent Al scurrying up the stairs to try another outlet with the second one. *P-h-h-f-t!*

Timed with this, a frightening cry from our youngest child, who came screaming down the stairs that there was a strange man cooking a chicken in the bathroom.

Man, the inventor of the dishwasher, the range, the refrigerator, the freezer, the toaster, the radio, the television, the hi-fi, and the rotisserie had given me no way to plug all this stuff in!

Doris interrupted. She swept into the living room with her lower lip jutting. She rolled both rotisseries to the window. She opened the window. We watched with the only help we had yet to give: silence.

Her next acts were even more awesome. She made a hushed phone call, then slammed her way through every drawer and cabinet we have, and abruptly left by the front door.

A strange man was cooking chicken in the bathroom

Doris and the neighbor grappled in a maze of dis-cords

"In keeping with the fuses," Al said, "she's blown her top!"

Moments passed. She next appeared at the window outside. We were instructed to give her the rotisserie cords. She stretched them as far as she could, then connected them with a great chain of extension cords. These were received at the window of our neighbor's house. We had borrowed his rotisserie, blown his fuses, and now were asking him to cook our chickens.

Doris returned to the now-warming birds, breathing contempt for anything on two legs—mainly chickens and myself. Her first message to me was wordless, just a look in my direction. She was giving me the bird, the kind that won't cook. She made it plain that while we had not invited this neighbor, he'd be our very next guest. Old Smitty next door, who turned out to be the light of the party, is a licensed electrician. Yes, he'd be over early in the week. We finally were seeing the light.

Curtiss Anderson

Virginia—

For history, or just for fun

The State that played such an important part in the history of our country is also a scenic, relaxing vacation land for families. Here's a 7-day budget tour that's pleasantly educational

By William R. Wilson

Vacation time again? Perhaps not quite, but at least it's high time for getting out the road maps and calendar and exploring all the possibilities. After all, the fun of anticipating what's ahead is second only to the trip itself, and a little time spent with guidebooks and maps will often pay handsome dividends in discovering new and interesting places to visit.

Take, for example, this suggested 7-day tour of Virginia with its detailed, day-by-day itinerary beginning on page 145. With its help you can trace your route, learn exactly what you can see each day, how many miles you'll drive, where you'll stay and approximately how much you'll spend. That's doing it the *easy* way!

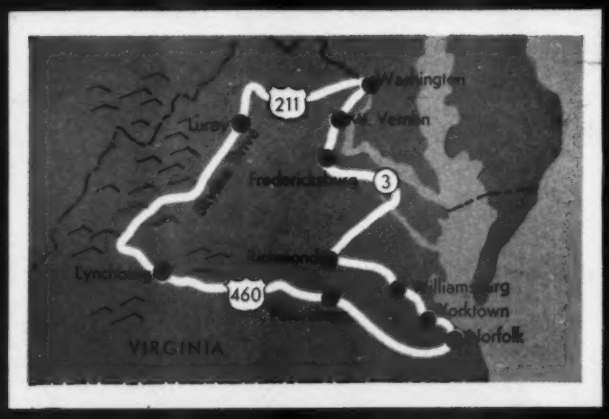
Let's look at Virginia. What does it have to offer? Today, by visiting the National Battlefield Park at Manassas, the site of Lee's surrender at Appomattox, Fredericksburg, Yorktown, and dozens of other historically significant areas, your children will discover firsthand that history is far more fascinating than it appears in a textbook. Your whole family will share exciting visits to the homes of George Washington, Thomas Jefferson, and Robert E. Lee. You'll watch the colorful and impressive guard-changing ceremony at the Tomb of the Unknown Soldier in Arlington National Cemetery, and pause for awhile in old Christ Church at Alexandria where Washington's and Lee's families worshipped.

Virginia is synonymous with early American history, but it has much more than history to offer. Beautiful Shenandoah National Park invites you to cruise in the family car along its famous Skyline Drive, 105 restful miles of mountain [*Turn to page 145*

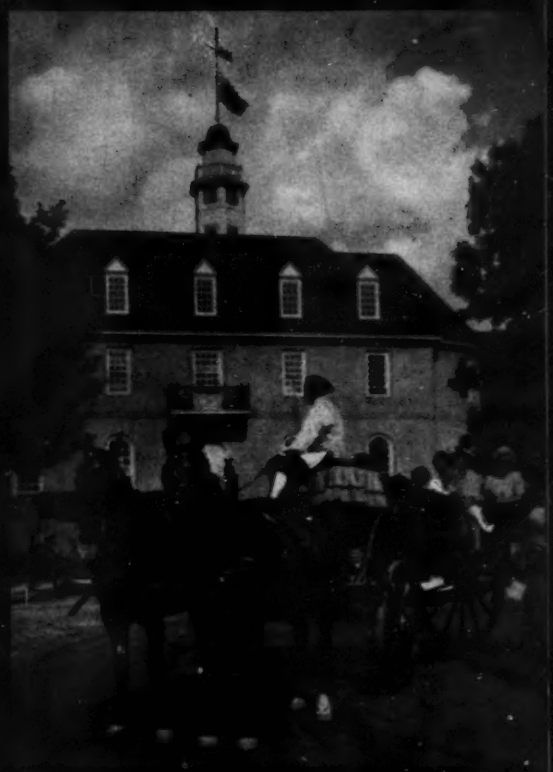
Photographs: Author

Grand French Battery, Yorktown Battlefield

Shenandoah Valley from Skyline Drive



Mt. Vernon, most visited home in America



Old Colonial Capitol, Williamsburg

Flag-raising on Iwo Jima, Marine Corps Memorial, Arlington, Virginia

Military ceremony at the tomb of the Unknown Soldier, Arlington National Cemetery

The beautiful Caverns of Luray

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Vacation time again? Perhaps not quite, but at least it's high time for getting out the road maps and calendar and exploring all the possibilities. After all, the fun of anticipating what's ahead is second only to the trip itself, and a little time spent with guidebooks and maps will often pay handsome dividends in discovering new and interesting places to visit.

Take, for example, this suggested 7-day tour of Virginia with its detailed, day-by-day itinerary beginning on page 145. With its help you can trace your route, learn exactly what you can see each day, how many miles you'll drive, where you'll stay and approximately how much you'll spend. That's doing it the *easy* way!

Let's look at Virginia. What does it have to offer? Today, by visiting the National Battlefield Park at Manassas, the site of Lee's surrender at Appomattox, Fredericksburg, Yorktown, and dozens of other historically significant areas, your children will discover firsthand that history is far more fascinating than it appears in a textbook. Your whole family will share exciting visits to the homes of George Washington, Thomas Jefferson, and Robert E. Lee. You'll watch the colorful and impressive guard-changing ceremony at the Tomb of the Unknown Soldier in Arlington National Cemetery, and pause for awhile in old Christ Church at Alexandria where Washington's and Lee's families worshipped.

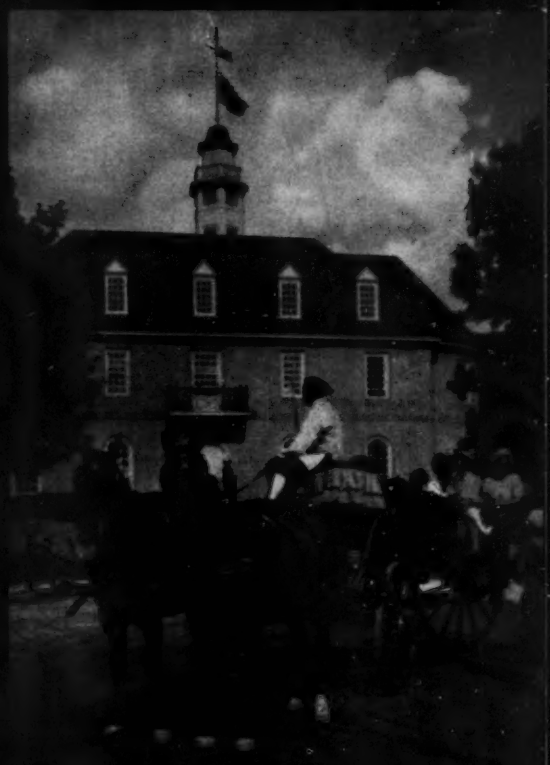
Virginia is synonymous with early American history, but it has much more than history to offer. Beautiful Shenandoah National Park invites you to cruise in the family car along its famous Skyline Drive, 105 restful miles of mountain [*Turn to page 145*

Grand French Battery, Yorktown Battlefield

Shenandoah Valley from Skyline Drive

Photographs: Author

Mt. Vernon, most visited home in America



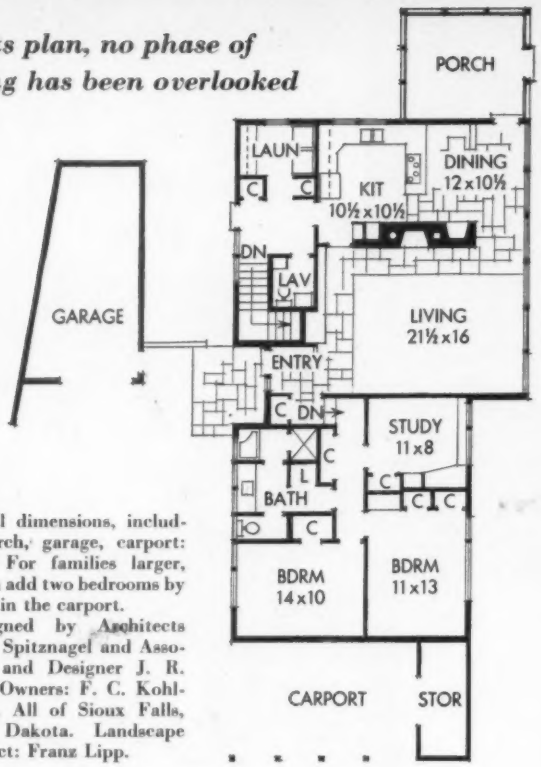
Old Colonial Capitol, Williamsburg

Flag-raising on Iwo Jima, Marine Corps Memorial, Arlington, Virginia

Military ceremony at the tomb of the Unknown Soldier, Arlington National Cemetery

The beautiful Caverns of Luray

In its plan, no phase of living has been overlooked



Over-all dimensions, including porch, garage, carport: 80x57. For families larger, you can add two bedrooms by closing in the carport.

Designed by Architects Harold Spitznagel and Associates, and Designer J. R. Lucas. Owners: F. C. Kohlmeyers. All of Sioux Falls, South Dakota. Landscape Architect: Franz Lipp.

Long dimension of house runs perpendicular to the street, giving entrances at side of house. Family car has both partially and fully enclosed protection with both a carport and a garage

Today's house can really take it!

Could be a California house (if you were guessing), but it's Sioux Falls, South Dakota, where winter temperatures of 20-below and more are not uncommon! Heating is by forced air, and glass throughout is insulating type. Fireplace of used brick is striking in its simplicity. Opening is framed in cut stone, and twin chimneys are cased in plaster. Hearth is off floor

Here, you're looking across the terrace from garden in the picture on our cover. Day or night, and even when winter covers scene, Five Star 2605 makes perfect partners of indoors and out. Through glass, there's only the massive fireplace separating the living room (left) and dining room and kitchen (right). Access to terrace is from porch (see view across the page)

Photographs: Hedrich-Blessing

Our cover house offers lived-in proof that even in cold-winter South Dakota you can enjoy the outdoor circle of seasons—and have one of the best plans we've seen for privacy on a city lot

By John Normile, A.I.A.

Here's proof you don't need a half-acre to make your living private with near neighbors on all sides. Answer is in smart positioning of living areas to be off the street. Fence, while no unfriendly barrier, is big work horse in screening what goes on outdoors. Terrace paving (concrete blocks) extends around porch as sidewalk to garage and service entrance

This month's Five Star home (it's number 2605) presents a total plan for living, one that envisions the full family cycle—from early years through retirement.

Quite plainly, it's the kind of space most of us like, want, and need—expansible space in a house that can flex with the times, that you can build and live in for good. All family activity is covered—here, there, and everywhere. You're treated to a basement recreation room, a wonderfully spacious living room, an enclosed porch, a private terrace, and fenced outdoors.

Also, two baths (one completely compartmentized) make the three zones reasonably independent. Mother gets an upstairs laundry, and, for a change, there's a dining *room* that needn't share space with another room in the house.

Because it's about as complete a house for it's size (1,610 square feet) as any we've found—anywhere—we're proud to add it to our Five Star program.

More pictures on page 296

You can buy plans for this
Better Homes & Gardens
★★★★★ Five Star home, see page 320

Let's take a look at 1956 carpets

By Florence Byerly

What's the right carpet or rug for your home? Wall-to-wall carpet in a solid color, simple design, or texture gives a feeling of spaciousness to small rooms. Large rooms are best place for patterns, tone-on-tones, or carved effects.

Your floor covering can be the dominant color in your room. If you have a patterned drapery, or patterned upholstery or slipcovers, the carpet should be in solids or simple design. Or you can let the carpet or rug be the one big area of pattern in your room.

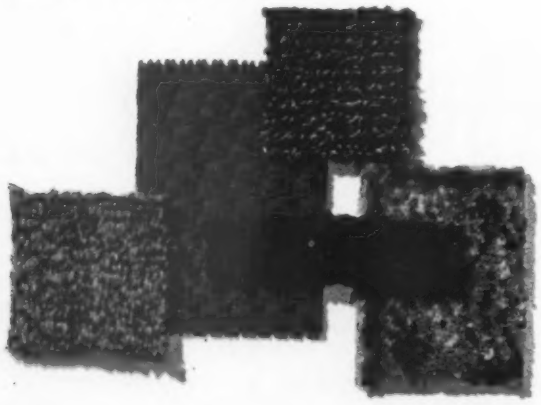
Your choice of color should be made with the same care you use in selecting your wall colors. If you buy from a well-established store in your community, chances are the salesman will let you make your final selection from samples right in your home. This permits other members of your family to give their opinions and lets you make sure the carpet harmonizes with other furnishings.

The new weaves give lower-cost carpeting in a bigger assortment, and the new fibers mean clearer colors. Newly developed soil retardants add longer wear to your carpeting, too. You'll even see carpets with metallic threads used right in them to add dramatic glitter to your floors.

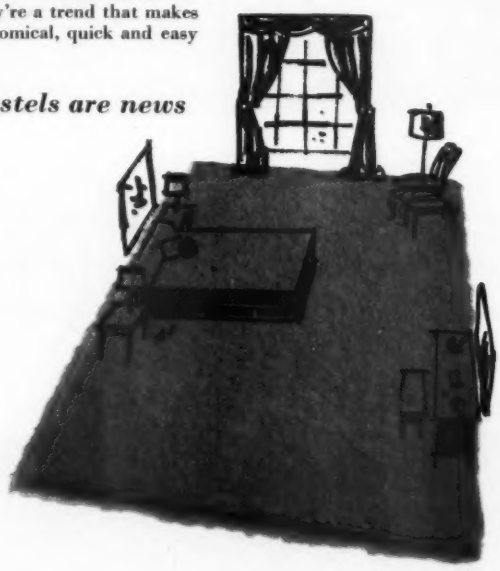
Which one do you like? Take your pick. It's easier to buy this year

Most stores have time-payment plans for carpeting similar to the way you pay for your new car. Here's just a sampling of the colors, weaves, and textures ready for your selection. Ask about the many new area rugs—they're a trend that makes your floor decorating economical, quick and easy

Materials are varied

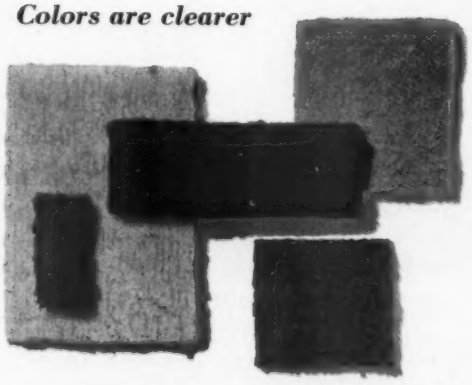


Pastels are news



Patterns are simpler

Colors are clearer



Decorator: Elizabeth Harrison, A.I.D., of Harbine Chatfield, Inc.

Carpeting can blend with background. One of the main reasons this room has such distinction is the skillful use of color. The carpeting blends with the wall color but is, in fact, several shades darker.

This is a good way to give rooms a spacious look and leave you free to introduce color and pattern elsewhere. In planning a blend-together background, you'll want to make your carpet color choice first as it will be one of the biggest areas of color in your room. Living room from the James Y. Deupree home, Cincinnati.

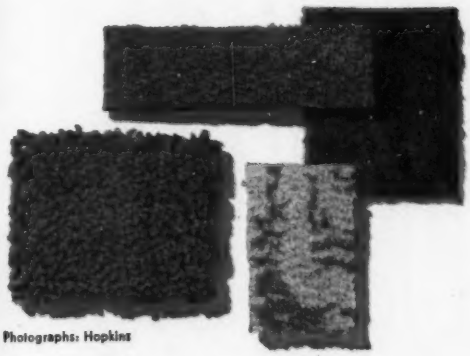
More ideas on next page

Carpeting muffles noise. A young boy and his dog is an American tradition, but neither are known for their "quiet" qualities. Wall-to-wall carpeting that cuts down noise is also the furnishing decorative touch in this hall in the Wesley Highmiller home, Dayton.

In heavy-traffic areas, like an entrance hall, it's wise to use a good quality, soil-resistant carpet.

The plain carpeting used here would be just as much at home in a Contemporary setting. Most plains and textures are not limited to any one period of decorating.

Weaves are versatile



Photographs: Hopkins

Mixtures are practical

Photographs: Hedrich-Blessing

Decorator: Marian Willisch

Area rugs add quick glamor. You'll find them in rectangles, ovals, and other shapes in many sizes. Use them to accent a furniture grouping or define traffic lanes in a room.

Or you can have carpeting cut to conform to the lines of the grouping you want to define. In this room from the Mark Van Gelder home, Highland Park, Illinois, it defines and accents.

Photograph: de Gennaro. Decorator: Elena Binkley

Carpeting can be the room's accent. To be different, you can let the floor stand out as the room's largest area of bright color. The blue of this wall-to-wall carpeting looks much brighter because it is used in a room with light walls and the sofa beds are covered in bright red. Note how the blue is picked up again as bolsters for the two beds

Photographs: Hedrich-Blessing

For decorating harmony, your carpeting should repeat the character of your furnishings

→

Carpeting can be the dominant pattern. Walls, draperies, and furniture covers are kept plain to let the carpet stand out as the main pattern area in this Traditional living room.

Just imagine how distracting it would be if the slipcover or draperies were also a large, figured pattern. You can take your color scheme from the colors in a patterned rug or carpet.

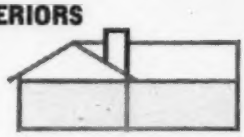
What's your decorating problem? Take it to one of the Home Planning Centers operated in cooperation with Better Homes & Gardens. You'll find the Center nearest you in the list on page 263

Decorator: Lubliner & Himmel

You can combine carpets and rugs. Neutral walls and wall-to-wall carpeting in the living room were a good selection with the patterned walls and rug of the adjoining dining room. The same green and beige colors are used in both rooms, giving a feeling of unity and spaciousness. Luxury touch is the dining-room rug that repeats the leaf design of the wall covering and matching draperies. From the Irving Winter home in Highland Park, Illinois

See page 135 for more rug-buying help

INTERIORS



Enter projects like these in Home Improvement Contest. Instructions and entry blank, page 6

When you remodel an old house

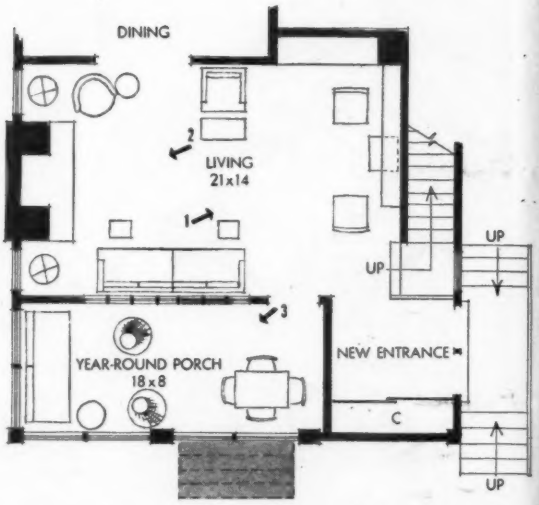
Little changes make a big difference

By Mary Coughlin

Take a look at the plan of this home, right, and you'll see it originally had a front porch with the door to living room directly in the center. With a minimum of structural change (and a maximum of taste and ingenuity), this house in Birmingham, Michigan, has been changed from impossible to neighborhood eye-catcher, *inside*.

First, one-third of the old porch was walled off and the new entrance located at the side. When you study the plan, you'll see this gave space for an entranceway and closet inside the new front door.

By putting first things first, making best use of space, using color, furniture, and storage to make the room seem larger, there's new life in the old house.



Shaded area shows the old steps that led to the porch, and the original front-entrance door. Arrows show camera angles. One-third of porch was walled off—giving an entrance hall inside the new side-entry door. Door from the enclosed porch to living room was moved to one side, freeing much valuable wall space

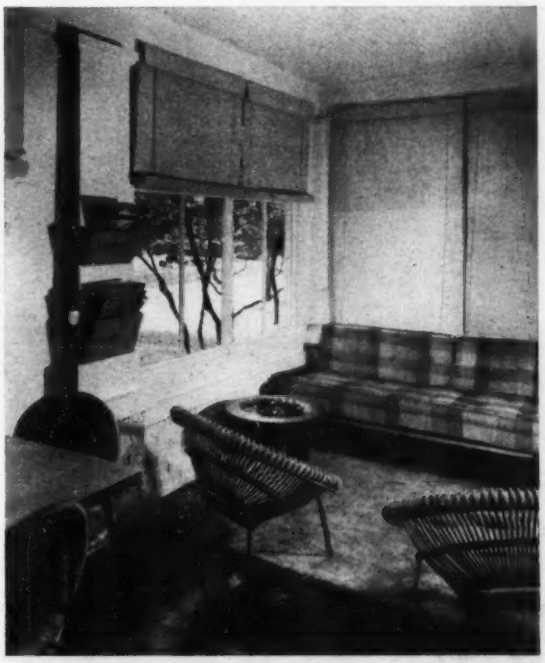
Photographs: Hedrich-Blessing. Owners and decorators: Ellene E. Schoenly, A.I.D. and Milka Iconomoff

1 Built-in bookshelves and storage fill space formerly occupied by guest coat closet. Closet had an electric outlet, so the addition of two spotlights was a simple matter. Note simplicity of picture arrangement and accessories on shelf

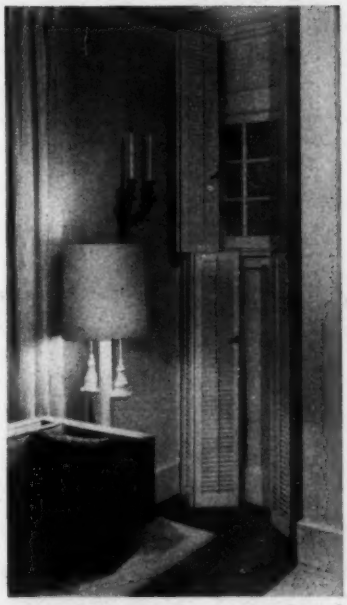
Television set fits under shelf, protruding only a few inches. This is an excellent way to "play down" the TV set in your own living room

2 Heavy mantel was removed, and the simple framing now lets the fireplace blend into the background of the room. Long sofa at the left is placed across the windows to the porch. Originally the front door was in center of this wall, cutting into the room at an awkward spot, thus making convenient furniture arrangement difficult

Front entry was originally in center of porch with door to house in center of living room. By moving the front door to the side, the living room seems larger, is more convenient



3 On the porch, there's space for another conversation grouping, plus a dining table for informal meals and games. Old porch pillars remain, with the one in center serving as a place to hang handyman-made magazine racks for current issues



High windows on either side of fireplace are covered with two sets of shutters, giving the illusion of two big windows

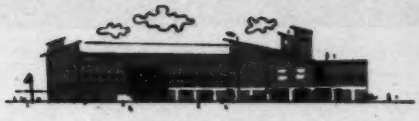
Strawberry pie-four ways!

By Myrna Johnston

EACH ONE IS A MIRACLE of luscious eating—strawberries and cream plus! That's Strawberry Cream Pie below the posy-decked doves. Pink Parfait is in the Coconut Shell; Strawberry Chiffon has rose center, Strawberry-Rhubarb Pie, lattice top

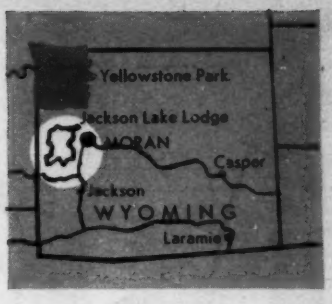
Which to make first? See page 105, recipes

Photograph: Snook, Photography, Inc.



Jackson Lake Lodge

Grand Teton National Park Moran, Wyoming



Famous foods FROM *famous places*

←

Chuck-wagon dinner

Modern "Mountain Men," that's superbly seasoned Chuck-wagon Stew in the copper chafing dish up by the little Indian tepees. Heap your soup dish full!

And help yourself to some of each garden vegetable in the salad bowl. Dessert's hearty Apple Turnovers (center) with big cups of campfire coffee.

FAMILY VACATION HOME in all the natural grandeur of the Tetons—that's what spanking-new Jackson Lake Lodge is. Here Mother, Dad, and all the kids can enjoy the panorama of snow-capped spires rising straight up from beautiful Jackson Lake and the flower-splashed Alpine meadow. Both the Lodge's Coffee Shop and Fountain Room cater to mountain-air appetites. We bring you some of their same specialties to help you cope with summertime appetites in your own back yard.

More about the Lodge, recipes, on page 115

Pineapple-boat Fruit Salad

"Serving bowls" are pineapple shells. The assorted fruits are topped with whipped-cream mayonnaise. Creamy French Dressing's in boat

Teton French-toast breakfast

Crisp, hot French-toast peaks are sugar-frosted. (Bears are on lookout for the syrup and jelly.) Meal includes orange juice, prunes, bacon, coffee

Fudge De-light—a new sundae

Stacks up to a whee of a dessert! Just split cupcakes and fill with pink ice cream. Spoon Fudge Sauce over and perch a red cherry atop

Photographs: Snook, Photography, Inc.

Italy comes to your table–

in a package!

YOU MAY think you're in Rome, but these feasts, soup to dessert, come from neighborhood markets —from shelf, frozen-food case, and meat counter. When you try these specials, add a flourish of your own

Read all about it, page 108

Photographs: Snook, Photography, Inc. Accessories by Fae Hutteniocher

Use your silver 'round the clock

By Fae Huttenlocher

YOUR SILVER SERVING DISHES—sterling or plate—can be used in so many ways that they never should be idle. The more frequently they're used, the lovelier the patina they acquire and the less polishing they need. Any one of them, or a combination of several, makes a handsome decoration at all times. And when put into active service on your table or buffet, they give the simplest meal a truly gracious air.

Silver adds charm to the modest buffet

An air of simple elegance is inspired by this buffet table set with Flair silverplate and Kingsley china. The plain cloth and centerpiece of greens are good complements

Candles and flowers are lovely in silver

Twin comports make good containers for low table bouquets. Silver Iris sterling and Celeste china blend nicely with Flair fruit dishes

Keep your coffee service handy

You can very easily enjoy the relaxing pleasure of coffee and refreshments in the living room if your silver and a table cart are close at hand

Useful silver serving dishes make handsome ornaments

With silver, you can change your color scheme to fit your mood or menu simply by changing the color of the candles you use. On this modern buffet, useful serving dishes in Flair pattern silverplate are used as attractive, permanent decorations. The simple, contoured lines would go just as well in Provincial or Traditional rooms

Photographs: Hopkins

Silver buffet dishes do real service in the home

A cheese-and-cracker dessert with coffee, candies, and salted nuts is all set to be served from this smart buffet at any hour of the day. The thoughtful homemaker will light the candles after five o'clock in the evening to add pleasing charm and warmth to her silver service dishes. The holloware we have used here is Silver Iris sterling

Cheese souffle

FOR SUPPER. This souffle's the kind you dream about. It's topped with a golden crown—airy as can be—and tangy with good sharp cheese. Mighty good eating!

Recipes on page 100

Orange souffle

By June Horne

FOR DESSERT. A high-style model with its spoke-fashion design atop, has delicious refreshing flavor. This showy dessert makes a special event of any meal

Photograph: Snook, Photography, Inc.

SOUPER BURGERS

4 new ways to enjoy hamburger

MUSHROOM BURGERS. Meat patties in mushroom sauce! Mix ¼ c. Campbell's Cream of Mushroom Soup with 1 lb. ground beef, ⅔ c. dry bread crumbs, 2 tbs. minced onion, 1 tbs. minced parsley, 1 slightly beaten egg; shape into 8 patties. Brown in 1 tbs. butter. Blend remaining soup with ¼ cup water; pour over patties. Cover and cook 5 mins. Stir occasionally. Serve on 8 toasted buns.

CREOLE BURGERS. A juicy, tender New Orleans style treat! Brown 1 lb. ground beef and ½ cup chopped onion in heavy skillet, stirring to separate meat particles. Stir in 1 can Campbell's Chicken Gumbo Soup, 2 tbs. each ketchup and prepared mustard, ¼ tsp. black pepper. Simmer 5 mins. Spoon on 8 split toasted buns. Or substitute Campbell's Pepper Pot Soup to make Peppy Burgers.

ONION BURGERS. Hot, fragrant and clear out of this world for goodness! Brown 1 lb. ground beef in a heavy skillet, stirring to separate meat particles. Sprinkle 2 tbs. of flour over the meat; stir until well mixed with the meat. Add 1 can Campbell's Onion Soup; cook until thoroughly heated and slightly thickened. Enough "filling" for 8 buns. Garnish with pickle relish, if you like.

MEAT BALLS ON BUNS. New hurry-up hit of a dinner! Tender and juicy, tomato-bright meat balls! Mix ¼ cup Campbell's Tomato Soup with 1 lb. ground beef and 1 tsp. prepared mustard; shape into 12 meat balls. Brown in 2 tbs. butter. Blend remaining soup with 1 tsp. prepared mustard; pour over meat balls. Cover; simmer 5 mins. Stir occasionally. Serve on 4-6 split toasted buns.

Good cooks cook with *Campbell's Soup*

"I hope you've tried the new Betty Crocker Brownie Mix, I hope!"

Betty Crocker
OF GENERAL MILLS

"Here's just what your letters ordered—the easiest, quickest way to make the best-tasting brownies you ever gobbled up! It's my new Brownie Mix. Makes 36 delicious brownies in minutes—and you can bake them fudgy like candy, or soft and tender like cake. But whatever you do, make plenty! Nothing disappears so fast as brownies from a plate—especially when there are hungry youngsters around. Do buy a box—buy several boxes—and bake up a batch today!"

"Better hurry to get yours—'cause they're selling like brownies!"

FILL UP THE COOKY JAR! EACH BOX MAKES 36 FUDGY BROWNIES!

Souffles—cheese and orange

Begins on page 98

Cheese Souffle

Feathery light, flavor-rich. With a little sleight of hand, the top goes "poof" while baking—

- ¼ cup butter or margarine
- ¼ cup enriched flour
- 1 cup milk
- ½ teaspoon salt
- Dash cayenne
- ½ pound sharp process American cheese, thinly sliced
- 4 egg yolks
- 4 stiff-beaten egg whites

Melt butter; blend in flour. Gradually add milk and cook over low heat until thick, stirring constantly. Add seasonings and cheese; stir till cheese melts. Remove from heat. Beat egg yolks until thick and lemon-colored. Slowly add cheese mixture to egg yolks, stirring constantly. Cool mixture slightly, then pour slowly into beaten egg whites, folding together thoroughly. Pour into ungreased 1½-quart casserole. With the tip of a spatula or spoon, trace a circle through the top of the mixture 1 inch from the edge and about 1 inch deep (see picture below). Bake in slow oven (300°) about 1 hour and 15 minutes, or till mixture doesn't adhere to knife. Serve at once. Makes 4 servings.

Orange Souffle

A wonderful, can't-wait, party dessert—doubly delicious with the sauce—

- ¼ cup butter or margarine
- 6 tablespoons enriched flour
- Dash salt
- 1 cup milk
- 1 6-ounce can frozen orange-juice concentrate
- ½ cup water
- 1½ teaspoons grated lemon peel
- 6 egg yolks
- 6 egg whites
- ¼ cup sugar

• • •

- 1 recipe Orange Sauce

Melt butter; blend in flour and salt. Gradually stir in milk; cook over low heat, stirring constantly, till thick. Combine ¼ cup of the orange-juice concentrate (reserve remainder for Orange Sauce), water, and lemon peel. Stir into hot mixture. Beat egg yolks until thick and lemon-colored; gradually add hot mixture; mix well. Beat egg whites until soft peaks form; gradually add sugar, beating until stiff peaks form. Fold yolk mixture into egg whites. Pour into ungreased 1½-quart casserole with paper collar (see note and picture at end of recipe). Set baking dish in shallow pan, filling pan to 1 inch with hot water. Bake in slow oven (325°) about 1½ hours, or till mixture doesn't adhere to knife. Serve at once with Orange Sauce. (For spoke top as in picture: After 10 to 15 minutes' baking, mark top with tip of sharp knife in pie-shaped wedges ½ inch deep. Wipe knife clean after each mark.) Makes 8 servings.

To make paper collar: Measure enough waxed paper to go around top of casserole, with 1-inch overlap. Fold in thirds lengthwise. Butter one side; sprinkle with sugar. Letting collar extend 2 inches above top of casserole, fasten around the dish (buttered side in) with cellophane tape or pins (see picture below).

Orange Sauce
(to pass with Orange Souffle)

Combine ½ cup sugar, 1½ tablespoons cornstarch, and dash salt. Stir in reserved orange-juice concentrate (½ cup) and 1 cup water. Cook, stirring constantly, until thick. Remove from heat; stir in 1 tablespoon butter or margarine. Serve warm in pitcher or bowl. Makes about 1½ cups.

Easy Cheese Souffle

No sauce problem—you use condensed cream of celery soup—

- 1 can condensed cream of celery soup
- ½ pound (2 cups) shredded sharp process American cheese
- 4 egg yolks
- 4 stiff-beaten egg whites

Heat and stir soup over low heat; add cheese and stir till melted. Remove from heat. Beat egg yolks till thick and lemon-colored. Slowly add cheese mixture to beaten egg yolks, stirring constantly. Pour mixture slowly onto beaten egg whites, folding together thoroughly. Pour into 4 ungreased 15-ounce individual baking dishes.* Bake in slow oven (300°) 1 hour, or till mixture doesn't adhere to knife. Serve immediately. Makes 4 servings.

*Or pour into ungreased 2-quart casserole and bake 1 hour and 15 minutes.

[*Turn to page 102*

FRANCO-AMERICAN IS A TRADEMARK OWNED BY THE MAKERS OF CAMPBELL'S SOUPS

NEW! Spaghetti Sauce by Franco-American rich with plump tender mushrooms!

OOK, you can *see* the "secret ingredi-
ent" in this enticing new sauce by
ANCO-AMERICAN!

It's the *mushrooms*, of course! Very
cial mushrooms, handpicked at their
mp, tender best and gently sim-
red in the sauce to bring out all the
tle mushroom flavor.

You'll taste lots of *other* good things,
. Onions and celery. Garlic, spices, and juicy, vine-ripened tomatoes. Altogether *thirteen* choice ingredients.

Good cooks say this new sauce has all the rich, "homemade" taste of the slow-simmered Italian kind. Yet all *you* do is heat it for three minutes and it's ready to serve.

Franco-American Spaghetti Sauce with Mushrooms makes a wonderful "something-different" idea for meatless meals. For that matter, it's a great idea *any* day. And it costs less than 7¢ for a good, *hearty* helping! Why not plan to try some, very soon?

Spaghetti Sauce
with Mushrooms
by *Franco-American*

TRY THIS ONE TOO! Spaghetti Sauce with Meat

Working Steam
to make ironing
tasks lighter

Pastel Colors
to make ironing
day brighter...

Presto STEAM and DRY **Iron**

Makes working steam from ordinary tap water!
Steam penetrates deeper, faster...spreads farther!

Presto spreads a penetrating spray of working steam ahead of your ironing stroke. Unlike lazy steam, working steam penetrates the fabric in one split second. The next split second, steam is drawn up again by the heat of the iron. That's why you iron so smoothly, quickly, with a Presto Steam and Dry Iron.

And you get this more effective steam even at lowest ironing temperatures, because Presto steam is formed in its own king-size reservoir and does not require a sizzling soleplate. Even delicate fabrics are safely, effectively ironed with steam, when you own a Presto.

BLACK $14.95* COLOR $15.95*

Never, never scorches! Exclusive Scorch Preventer always shows when temperature's right for each fabric.

Easy to fill! No funnel needed! Cap can't get lost! Holds 6 oz. TAP water.

Irons frontwards or backwards! Rounded heel for easy ironing; won't rip ruffles or gathers.

Presto

National Presto Industries, Inc.
Eau Claire, Wisconsin

Makers of Electric Pressure Cookers, Deep Fry Cookers, Steam Irons, and Coffeemakers. Also Presto Cookers, Canners.

Guaranteed by Good Housekeeping

Pastels in "Flavor-Dial" Electric Coffee Makers, too!

America's finest automatic Coffee Maker, now in five beautiful colors. Just dial the kind of coffee you want—make it twice as fast!

*Manufacturer's recommended retail or Fair Trade Price. Federal Tax Included.

Souffles—cheese and orange

Continued from page 100

Souffle secrets

- A good beginning for souffles is a rich, velvety-smooth white sauce. For a speedier sauce with added flavor, try starting with a canned condensed cream soup.
- Sliced process cheese melts easily in the hot sauce.
- Yolks aren't as likely to break if you separate them from the whites while still cold from the refrigerator.
- If you let egg whites warm to room temperature before beating, they'll fluff up better.
- Till "thick and lemon-colored" is the *word* on beating egg yolks.
- Stir the ready-and-waiting hot sauce slowly into the beaten yolks. This way the yolks are smoothly blended with the sauce.
- Egg whites are beaten till stiff but still glossy—never till dry.
- You fold the sauce mixture into the beaten whites. A blending fork or metal spoon is just the thing for this. Take your time, and gently lift up-and-over in high strokes.
- Pour mixture into an *ungreased* casserole—souffle clings to the sides and climbs higher.
- Your souffle will be just right if you bake it till done in a *slow oven* (300 to 325°).
- Never, but never, keep a souffle waiting! Whisk it right from oven to table—serve *at once*.
- Treat this light and airy dish as tenderly as you would your favorite angel cake, by breaking apart into servings with two forks.

SMART COOK!

How to give doughnuts a yummy glaze

Photograph: Nelson, Photography, Inc.

Have you ever wondered how bakers get that lovely, translucent glaze on doughnuts—and wished that you could do it, too? Well, you can, and the secret's this: The doughnuts must be *hot* for glazing.

If you fry your own doughnuts, dip them right after draining. But if you buy them unglazed, just heat in moderate oven (375°) 5 minutes, or until very hot. Dip one side in glaze—this is easy with tongs—and place glaze side up on a rack to drip and cool.

To make **Glaze:** Thoroughly blend 1 cup sifted confectioners' sugar and 2 tablespoons cold water. This is enough for dipping about a dozen doughnuts.

See "Mama" on CBS Television

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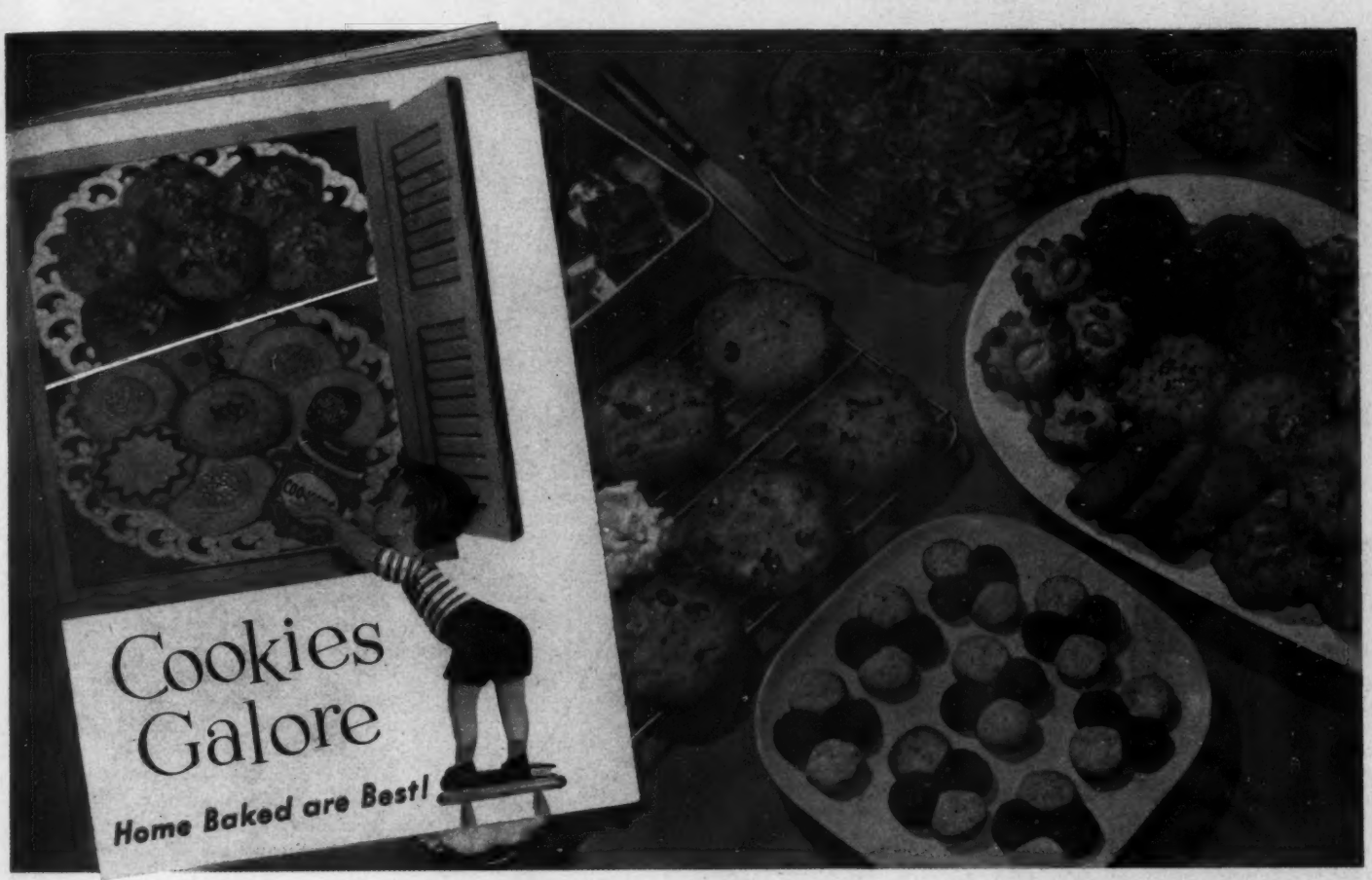
COOKIE BOOK

—one of Mama's most cherished secrets for keeping her family happy!



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Send for this valuable booklet, "You and Your Contented Baby." 64 authoritative pages on prenatal and postnatal care, offered at no cost to mothers and expectant mothers. Address Mary Blake, Carnation Co., Dept. DA-58, Los Angeles 36, Calif.

Strawberry pie

Begins on page 96

Here's the key to our berry-pie treasury

1 Strawberry Cream Pie. Believe us when we say it's absolutely delicious! This is the kind of dessert you like to fix when you want to butter up the family or show off a bit to your friends. The flaky, tender pastry is lined with toasted almonds, filled with the creamiest French custard, crowned with plump glazed strawberries.

2 Pink Parfait Pie. The filling? Easy as melting vanilla ice cream in strawberry-flavored gelatin, then folding in sliced strawberries after mixture chills. The crust? A crispy Coconut Shell. To serve, top pie with a cloud of whipped cream and berry polka dots.

3 Strawberry Chiffon Pie is a pink beauty, too. Tastes as much like spring as a pint of fresh strawberries can make it. And it's extra fluffy with beaten egg whites and whipped cream. The crumb crust is the easy, graham-cracker kind. For a party for "the girls," how about cutting your pie in wedges, then circling them around a tiny vase of pink roses on a silver platter?

4 Strawberry-Rhubarb Pie is wonderfully tart and sweet, and a mite spicy, too. Save the biggest berries in the box to tuck in the lattice just before serving. We bet this pie, served warm with whipped cream, will be Dad's favorite. But why not let him find out for himself—tempt him with each of our four recipes.

Strawberry Cream Pie

Glistening, red-ripe berries atop the filling, crunchy with nuts—elegant!—

1 baked 9-inch pastry shell
½ cup slivered blanched almonds, toasted

• • •

1 recipe Cream Filling

• • •

2½ cups fresh strawberries
½ cup water
¼ cup sugar
2 teaspoons cornstarch
Few drops red food coloring

Cover bottom of cooled baked shell with almonds. Fill with chilled Cream Filling. Slice 2 cups of the strawberries in half; pile atop filling. For **Glaze:** Crush remaining berries; add the water and cook 2 minutes; sieve. Combine sugar and cornstarch; gradually stir in berry juice. Cook, stirring constantly, till thick and clear. Tint to desired color with red food coloring. Cool slightly and pour over the halved strawberries. Keep in refrigerator till serving time. If desired, serve with whipped cream—pass a bowlful for folks to help themselves.

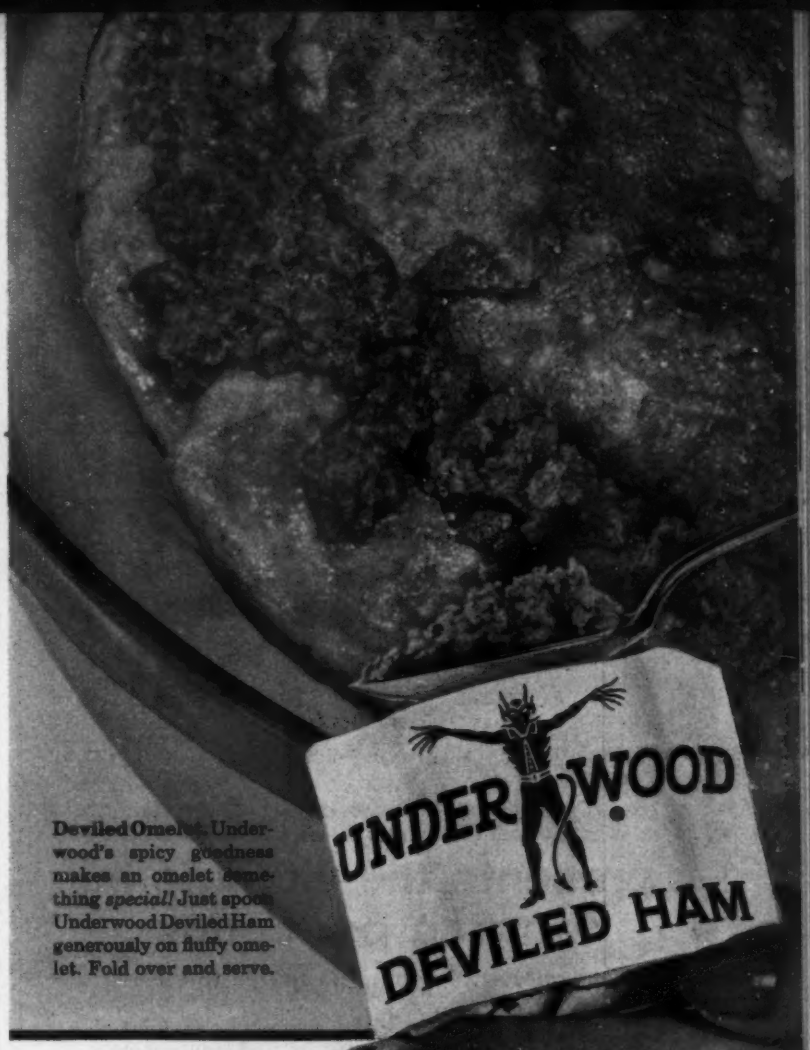
Cream Filling

(for Strawberry Cream Pie)

½ cup sugar
3 tablespoons cornstarch
3 tablespoons enriched flour
½ teaspoon salt
2 cups milk
1 slightly beaten egg
½ cup heavy cream, whipped
1 teaspoon vanilla

Combine sugar, cornstarch, flour, and salt. Gradually stir in milk. Bring to a boil, stirring constantly. Lower heat, and cook and stir till thick. Stir a little of the hot mixture into egg; return to remaining hot mixture. Again bring just to boiling, stirring constantly. Cool, then chill. Beat well; fold in the whipped cream and vanilla.

[*Turn to next page*



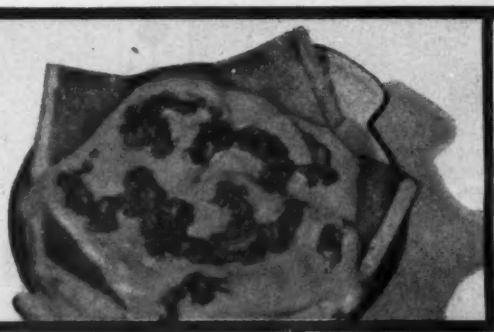
Deviled Omelet. Underwood's spicy goodness makes an omelet something *special!* Just spoon Underwood Deviled Ham generously on fluffy omelet. Fold over and serve.

Add new magic to meals!

The flavor of Underwood's is unmatched by any other deviled ham. Underwood's is always made from *whole hams,* with nothing added but fine, natural spices. It's no wonder Underwood's tastes so good!

Glorifies everyday foods

Why not plan *your* next meal around Underwood Deviled Ham! Wm. Underwood Co., Watertown 72, Massachusetts.



Deviled Cheese Delight. Here's a quick trick for lunch or dinner. Stir Underwood's into melted cheese, or your favorite rarebit . . . pour over toast.

Spicy Dip. This tangy "scoop" is made with Underwood's, mayonnaise, and cream cheese. Serve with crisp crackers or potato chips. Try it *hot,* too! Just pop it in the oven.

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Strawberry pie

Continued from preceding page

Pink Parfait Pie

Delectable fluffy filling in a golden coconut crust—

1 3-ounce package strawberry-flavored gelatin
1 cup hot water
½ cup cold water
1 pint vanilla ice cream
1 cup sliced fresh or frozen strawberries

• • •

1 recipe Coconut Crust

Dissolve gelatin in hot water. Add cold water; stir. Cut ice cream in 6 chunks; add to gelatin mixture. Stir till ice cream melts. Chill until mixture begins to *thicken* and *mound* when spooned (20 to 30 minutes). Gently fold in strawberries. Pour into cooled Coconut Shell. Chill till firm, about 20 to 25 minutes. Garnish with whipped cream and sliced berries.

Coconut Shell

3 tablespoons softened butter or margarine
1 8-ounce package (3 cups) shredded coconut

Combine butter and coconut; press evenly into lightly buttered 9-inch pieplate, building up sides. Bake in slow oven (300°) 20 to 25 minutes, or until crust is golden. Cool.

Strawberry Chiffon Pie

Luscious, fluffy as a cloud, and beautifully pink—

1 pint fresh strawberries
½ cup sugar

• • •

1 envelope (1 tablespoon) unflavored gelatin
¼ cup cold water
½ cup hot water
1 tablespoon lemon juice
Dash salt

• • •

½ cup heavy cream, whipped
2 egg whites
¼ cup sugar

• • •

1 recipe Graham-cracker Crust

Crush the strawberries (1¼ cups crushed); cover with ½ cup sugar; let stand 30 minutes. Soften gelatin in cold water; dissolve in hot water. Cool. Add strawberry mixture, lemon juice, and salt. Chill till partially set. Fold in whipped cream. Beat egg whites till soft peaks form; gradually add ¼ cup sugar and beat till stiff peaks form. Fold into strawberry mixture. Pour into chilled Graham-cracker Crust. Chill until firm. Garnish with additional whipped cream and berries if you like. **Graham-cracker Crust:** Combine 1½ cups fine graham-cracker crumbs, ¼ cup sugar, and ½ cup melted butter or margarine. Press into buttered 9-inch pieplate; chill till firm, about 45 minutes.

Coming in June

For family fun cooking outdoors this summer, you'll want the new barbecue menus, equipment roundup, recipes and flavoring tips that are in the June issue of *Better Homes & Gardens*.

At your favorite newsstand May 22nd.

Strawberry-Rhubarb Pie

A flavor-duo, refreshing as spring—

3 beaten eggs
1¼ cups sugar
¼ cup enriched flour
¼ teaspoon salt
½ teaspoon nutmeg
2½ cups 1-inch slices pink rhubarb
1½ cups sliced fresh strawberries
1 recipe Flaky Pastry
1 tablespoon butter or margarine

Combine eggs, sugar, flour, salt, and nutmeg; mix well. Combine rhubarb and strawberries and place in 9-inch pastry-lined piepan. Pour egg mixture over fruits. Dot with butter. Top with lattice crust, crimping edge high. Bake in hot oven (400°) about 40 minutes. Fill openings in lattice crust with strawberries. Serve warm. **Lattice Crust:** Cut strips of dough ¾ inch wide with pastry wheel or knife. Lay lengthwise strips on top of filled pie at 1-inch intervals. Fold back alternate strips to help you weave crosswise strips over and under, placing them on the diagonal. Trim bottom crust and lattice even with outer rim; seal edges. Dampen edge and place extra strip over it, covering ends of lattice. Seal and crimp the edge.

Flaky Pastry

2¼ cups sifted enriched flour
1 teaspoon salt
¾ cup shortening
5 tablespoons water

Mix flour and salt in bowl; cut in shortening with pastry-blender or blending fork till pieces are the size of small peas. Take out ⅓ cup of the flour-shortening mixture and add the water to it; mix; then add to remaining flour-shortening mixture. Blend well with fork; with hands form in ball. For double-crust pie, divide dough for lower and upper crust. Form each in ball. Flatten ball slightly and roll ⅛ inch thick on lightly floured surface. Makes enough pastry for one 9-inch lattice or double-crust pie.

Sweet treat

The grapefruit is strangely dissected.
The toast is decidedly burned.
And, somehow, I've always objected
To egg yolks first broken, then turned.

I don't feel so very oatmeal-y
(I'd rather have bran flakes instead.)
But am I complaining? Not really! . . . . . .
The *kids* brought me breakfast in bed!

—*Ruth Chadwick*

flavor-fresh as your garden greens...

//Kraft knows how to put sparkle in French Dressings!

You know what a difference freshness makes in the greens you use for salads. Well, fresh flavor makes every bit as much difference in French Dressings. The truly fine spices Kraft uses, and the way we make French Dressings, give a *sparkle* to their flavors that's perfectly delightful.

You see, Kraft starts with unusually choice spices, of special varieties which experts consider the best. Then—extremely important—these spices are ground "to order", just as needed. That is the only way to get full brilliance of flavor.

And how Kraft guards that flavor! Almost within seconds after the spices are blended, they are enveloped in oil. Flavor-stealing air is locked out, freshness is locked in—sealed first in oil, then in glass.

You'll taste the delicate freshness in all 3 of these Dressings—*Kraft French, Miracle French,* and *Casino.* Do try them . . . soon.

BECAUSE THE FREEZER'S IN BACK

there's more shelf space up front

Olives, jellies, tall bottles, pickles, cream, salad dressing—*all* often-used foods are "up front" in this surprising Gibson! *No front* space at all is taken up by the freezer!

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Italy comes to your table

Begins on page 94

Here's proof you don't have to be in Rome to eat as the Romans do

Pizza. The frozen kind, ready to pop into the oven is what you see circling the bowl of grated Parmesan cheese. The assorted fillings include plain tomato-cheese; with added mushrooms or Italian sausage, or ham.

For fun at a buffet supper, give each of the little pies a different topper as we did and let guests pick their own. (As an appetizer, cut in wedges with kitchen scissors.) Our peppy garnishes: a swirl of anchovy fillets with ripe-olive center; rolled stuffed fillets of anchovies; wreath of pepperoni; triangles of Mozzarella cheese dotted with tidbits from canned antipasto (that sailed over from Italy); olives, roll-ups of Italian-style Bologna.

Another easy way to come by this specialty is to buy a box of pizza mix (can of sauce plus yeast-dough mix—some come complete with grated cheese). Or you might select the items separately—canned pizza sauce, pizza sausage, Mozzarella (or American) cheese, a shaker of grated Parmesan, oregano, hot-roll mix for the crust.

Spaghetti. Our spaghetti and meat balls are from a can—just heat and serve with a goodly shower of grated Parmesan.

Also for your spaghetti platter, you'll find these in cans: spaghetti sauce with meat or with cheese or with mushrooms; sauce with meat balls or with sausage links. In an envelope, comes spaghetti-sauce mix. Then there are packaged spaghetti dinners; frozen spaghetti sauce. And to help you make your own sauce: canned seasoned tomato sauce, tomato paste, tomato puree with sweet basil.

Lasagna. Ours was baked from our own recipe (see below). To simplify the preparation, we used canned spaghetti sauce with meat instead of starting from scratch. Along with the cheeses, it makes a mighty zesty filling for the lasagna noodles (widest ribbon pasta). For real Italian accent, prepare your baking dish by rubbing with a cut clove of garlic followed by a brush of olive oil.

Perhaps at your market you can find frozen lasagna all ready to bake. As it comes from the oven, trim with very thin slices of Mozzarella and sprinkle with paprika as we did above.

Minestrone comes from a can. When serving, give this rich vegetable soup a dash of oregano. And pass a basket of crusty Italian bread.

Ravioli—little pillows of dough with a tasty filling (in this case, minced beef) all in a tomato sauce—is a specialty from the canned-food shelf, too. Just heat and serve. Give platter a few parsley bouquets.

Veal Scaloppine (not labeled, below the pizzas) is made by recipe (see page 115) speeded along by a can each of seasoned tomato sauce and broiled sliced mushrooms, and a package of green noodles.

Antipasto tray (not labeled, below the ravioli) is a relish dish with zingo. We show spiced hearts of artichoke, Italian-style mild Tuscan salad peppers, pickled peppers (very hot!), sweet red-pepper halves, ripe and stuffed green olives, paper-thin slices of pepperoni and roll-ups of salami.

Spumoni, super-rich, multiflavored ice cream is perfect to polish off a scrumptious Italian supper. The kind above boasts ribbons of pistachio, cherry, chocolate, and vanilla ice cream.

These are but a few of the Italian foods to be found at the store. There's bottled Italian dressing with wonderfully subtle flavor blend (that's what we'll dash on our salad before tossing).

[*Turn to page 115*

Most likely to succeed

with this livelier catsup

You'll like the handy screw cap...so easy to open and close.

- ✓ All catsups are *not* created equal.
- ✓ Into the creation of DEL MONTE Brand Catsup (and no other) goes Pineapple Distilled Vinegar. And what it does for the flavor of ripe tomatoes and fine spices you will dearly love.
- ✓ So let the name DEL MONTE, which guides you to quality in so many foods, lead you to a better catsup, too.

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Use Ac'cent as you do salt and pepper. For roast chicken, shake plenty of Ac'cent inside the cavity before cooking. (Use it in the stuffing, too.) For fried or broiled chicken, shake Ac'cent generously over each piece.

Easy? Yes! How about serving chicken with Ac'cent tonight?

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Better Homes & Gardens Prize Tested Recipes

Lamb and veal specials

File under Meats

Veal Steak with Sour-cream Sauce

Sour cream, sesame seed, Parmesan cheese combine for subtle flavor—

¼ cup enriched flour
1 teaspoon salt
1 teaspoon paprika
½ teaspoon poultry seasoning
¼ teaspoon pepper
• • •
1½ pounds veal steak, cut in serving pieces
2 tablespoons fat
1 cup soft bread crumbs
2 tablespoons butter or margarine, melted
½ cup grated Parmesan cheese
¼ cup sesame seed, toasted
½ cup hot water
• • •
1 recipe Sour-cream Sauce

Combine flour and seasonings; dredge meat in mixture. Brown slowly in hot fat (reserve drippings). Arrange meat in 10x6x1½-inch baking dish. Combine bread crumbs, butter, cheese, and sesame seed; spoon over meat. Stir water into meat drippings; pour around meat. Bake in moderate oven (350°) 45 to 50 minutes, or till meat is tender. Serve with **Sour-cream Sauce:** Heat and stir 1 can condensed cream of chicken soup; add ½ teaspoon monosodium glutamate. Blend in 1 cup sour cream; heat. Makes 6 servings. *Mrs. Hildreth H. Hatheway, Santa Barbara, California*

Cut along dotted lines

Photographs: Nelson, Photography, Inc.

Best cheese cakes

Company Cheese Cake

Spicy crust enhances tart richness of the filling—

3 well-beaten eggs
2 8-ounce packages cream cheese, softened
1 cup sugar
¼ teaspoon salt
2 teaspoons vanilla
½ teaspoon almond extract
3 cups dairy sour cream
1 recipe Graham-Nut Crust

Combine eggs, cheese, sugar, salt, and extracts; beat till smooth. Blend in sour cream; pour into Graham-Nut Crust. Trim with reserved crumbs. Bake in moderate oven (375°) 35 minutes or till just set. Cool. Chill well, about 4 or 5 hours. (Filling will be soft.) Makes about 10 servings. **Graham-Nut Crust:** Combine 1¾ cups fine graham-cracker crumbs, ¼ cup finely chopped California walnuts, ½ teaspoon cinnamon, and ½ cup melted butter or margarine. Reserve 3 tablespoons mixture; press remainder on bottom and 2½ inches up on sides of 9-inch spring-form pan. *Carolyn Sollis, Sioux City, Iowa*

Add these pages to your COOK BOOK

File under Desserts

Lemon Refrigerator Cheese Cake

In double boiler, combine ¾ cup sugar, 2 envelopes (2 tablespoons) unflavored gelatin, ¼ teaspoon salt. Stir in 2 beaten egg yolks and one 6-ounce can (⅔ cup) evaporated milk. Cook over simmering water, stirring constantly, till gelatin dissolves and mixture thickens slightly, about 10 minutes. Remove from heat; add 1 teaspoon grated lemon peel; cool. Stir in 3 cups cream-style cottage cheese, sieved, 1 tablespoon lemon juice, and 1½ teaspoons vanilla. Chill, stirring occasionally, till mixture is partially set. Beat 2 egg whites till soft peaks form; gradually add ¼ cup sugar, beating till stiff peaks form. Fold into gelatin mixture. Whip 1 cup heavy cream and fold in. Pour into Corn-flake Crust; sprinkle with reserved crumbs. Chill till firm, about 3 hours. Top with whipped cream and walnut halves. Makes 10 servings. **Corn-flake Crust:** Combine 1½ cups finely crushed corn flakes, ½ cup finely chopped California walnuts, ⅓ cup sugar, 1 teaspoon cinnamon, ¼ teaspoon nutmeg, and ⅓ cup butter or margarine, melted. Reserve ¾ cup mixture. Press remainder on bottom of 8- or 9-inch spring-form pan. Chill. *Janet Anderson, Lakewood, California*

Easy Cheese Pie

Mix together 1½ cups fine vanilla-wafer crumbs and ⅓ cup melted butter or margarine; press into buttered 9-inch pieplate. Chill till firm, about 45 minutes. Soften one 8-ounce package cream cheese; blend in ⅔ cup sweetened condensed milk, 1 teaspoon grated lemon peel, and 3 tablespoons lemon juice. Whip ½ cup heavy cream; fold in. Pour into crumb crust and chill till firm, about 4 hours. *Mrs. Rucile L. Koch, Bismarck, North Dakota*

Cranberry Orange Cheese Cake

In double boiler, combine ½ cup sugar, 2 envelopes (2 tablespoons) unflavored gelatin, and ¼ teaspoon salt. Stir in 2 cups orange juice. Heat over simmering water, stirring occasionally, until gelatin dissolves. Cool slightly. Stir in 1½ cups small-curd cream-style cottage cheese, ½ teaspoon grated lemon peel, and 2 tablespoons lemon juice. Chill till partially set, then beat until fluffy. Whip 1 cup heavy cream and fold in. Pour into chilled graham-cracker crumb crust in 8- or 9-inch spring-form pan; chill till firm, about 3 hours. Spread with Cranberry Glaze; chill 1 hour longer. Makes 8 servings. **Cranberry Glaze:** Combine one 1-pound can (2 cups) whole-cranberry sauce and 1½ tablespoons cornstarch. Cook, stirring constantly, till thick, 5 to 8 minutes. Cool.

Mrs. Ruby Kulchitsky, Philadelphia, Pennsylvania

Add these pages to your Better Homes & Gardens Cook Book

Spring Lamburgers

1 pound ground lean lamb	1 tablespoon chopped parsley
½ cup fine dry bread crumbs	1 teaspoon salt
⅓ cup grated carrot	Dash pepper
1 tablespoon grated onion	1 slightly beaten egg
	4 pineapple slices
	Melted butter or margarine

Combine all ingredients except pineapple and butter; form in four ¾-inch thick loosely packed patties. Place patties on broiler rack. Broil 4 to 5 inches from heat 7 or 8 minutes, or till browned. Turn patties; place pineapple along side and brush with butter. Broil 5 to 6 minutes longer, or till meat is done. Makes 4 servings.

Mrs. Alfred W. Wells, Palmyra, New Jersey

Barbecued Lamb Riblets

3 pounds lamb riblets, cut in serving pieces	1½ tablespoons Worcestershire sauce
Salt and pepper	1 tablespoon vinegar
• • •	1 tablespoon brown sugar
½ cup water	1 teaspoon monosodium glutamate
½ cup catsup	½ teaspoon salt
¼ cup chopped onion	Dash red pepper
2 tablespoons lemon juice, fresh, frozen, or canned	

Slowly brown ribs; pour off drippings. Season meat with salt and pepper. Combine remaining ingredients; pour over meat. Cover tightly; bake in slow oven (300°) 1½ hours or till tender. Remove excess fat. Pour sauce over meat before serving. Pass lemon wedges, if desired. Makes about 4 servings. *Theresa M. Lessmeister, Peru, Illinois*

Veal-chop Dinner

Coat four ½-inch veal chops with 2 tablespoons enriched flour; in large skillet brown slowly on both sides in 3 tablespoons hot fat. Combine ⅓ cup grated Parmesan cheese, 1 teaspoon salt, and ¼ teaspoon pepper; sprinkle 2 tablespoons of mixture over meat. Cover with 4 cups thin potato slices; sprinkle with 2 tablespoons more of the cheese. Add 2 cups thin onion slices and sprinkle with remaining cheese. Dissolve 3 beef bouillon cubes in ¾ cup hot water; add 1 tablespoon lemon juice and pour over meat. Cover; simmer about 40 minutes, or till meat and vegetables are done. Garnish with parsley. Makes 4 servings.

Mrs. Robert A. Browning, Ventura, California

For slimming salad meals

—*make lighter dressings with Heinz Vinegar and Wesson Oil*

You please everybody—light and hearty appetites alike—with inviting salad buffet meals. For here is feast-like bounty that's *low* in calories.

Lighter, homemade dressing helps keep salads slimming. With sparkling clear Heinz Vinegar and delicate Wesson Oil you can make your own tempting dressing *lighter* than heavy bought dressings. In just *one* minute, you make it as rich *or* as slimming as you choose!

Your own homemade dressing costs less, too. And where in the world could you match the fresh, home-seasoned flavor of the dressing you make yourself with mild, pure Wesson Oil and Heinz Vinegar—always uniform in strength!

1-MINUTE FRENCH DRESSING

1 teaspoon salt	**¼ teaspoon pepper**
½ teaspoon sugar	***¼ cup Heinz Vinegar**
½ teaspoon paprika	***¾ cup Wesson Oil**

Combine and shake well in covered jar. Shake well before using. Makes 1 cup.

**For a sharper dressing, use ⅛ cup Heinz Vinegar and ⅞ cup Wesson Oil.*

"HELP-YOURSELF" SALAD MEAL

333 calories

For each serving use *½ medium tomato, sliced; ½ cup shrimp,* such as Blue Plate or Gulf Kist brand shrimp; *½ cup cooked green beans; 1 hard-cooked egg, sliced; 2 large leaves of lettuce* (or endive, escarole or other salad greens); *6 slices cucumber; 1 radish, sliced.* Serve with 2 tablespoons—

Ketchup-Onion French Dressing

To *½ cup 1-Minute French Dressing* add *¼ cup Heinz Ketchup, 1 tablespoon chopped onion* and a *dash of Tabasco.*

FRUIT SALAD MEAL

437 calories

For each serving, use *3 slices each of apple (dipped in grapefruit juice)* and *cantaloupe, 3 grapefruit sections, ½ slice pineapple, 5 tablespoons cottage cheese;* serve on *2 large leaves of salad greens.* Garnish with *fresh mint* and a *maraschino cherry.* Serve with 2 tablespoons of—

Mint French Dressing

To *½ cup 1-Minute French Dressing* add *2 tablespoons finely chopped mint.* Let stand one hour.

Wesson Oil

America's favorite salad oil—none finer, lighter, fresher

Heinz Vinegar

Five full-flavored kinds—to make your salads sing

Perfect Rice Without Cooking!

1. **It's prepared instantly**—because only Minute Rice is *pre-cooked*. Just add it to boiling water, remove from heat, cover and let stand!
2. **It's trouble-free.** No rinsing. No cooking. No draining. No steaming. No sticky pans. No watching—the hardest part is boiling the water!
3. **It's foolproof.** White, fluffy, delicious rice—perfect every time.
4. **It's good eating.** Minute Rice is one of the best—and easiest—ways to round out a well-balanced meal.

Product of General Foods

Italy comes to your table

Continued from page 108

Then there's frozen chicken cacciatora, canned pear-shaped peeled tomatoes, bottled pureed garlic and garlic butter, olive oil, plastic bags of chestnuts from Italy—and many too many others to mention. How about taking a look at what's in your market? *Buon appetito!*

Baked Lasagna

Short-cut this famous Italian dish with canned spaghetti sauce with meat—

8 ounces lasagna or 1 6- to 8-ounce package broad noodles
1 12-ounce carton (1½ cups) large-curd cream-style cottage cheese
¼ cup grated Parmesan cheese
1 beaten egg
1 tablespoon parsley flakes
1 teaspoon salt
¼ teaspoon pepper
1 6- or 8-ounce package Mozzarella cheese, sliced thin
2 10¾-ounce cans spaghetti sauce with meat

Cook noodles in boiling salted water till tender (lasagna noodles will take from 10 to 30 minutes, depending on thickness); drain; rinse in cold water. Combine cottage and Parmesan cheeses, egg, parsley flakes, salt and pepper. Place a layer of ½ of the cooked noodles lengthwise in 11½x7½x1½-inch baking dish. Spread with ½ of the cheese mixture, ½ of the Mozzarella slices, and ½ of the spaghetti sauce. Repeat layers. Bake in moderate oven (375°) 30 to 35 minutes. Top with additional grated Parmesan cheese or sliced Mozzarella. Makes 6 to 8 servings.

Veal Scaloppine

Tender slices of veal in a savory tomato-mushroom sauce, served with colorful noodles—

3 pounds veal steak, ¼ to ⅓ inch thick
½ cup enriched flour
1 teaspoon salt
Dash pepper
2 teaspoons paprika
3 tablespoons fat

• • •

1 8-ounce can broiled sliced mushrooms
1 bouillon cube

• • •

1 8-ounce can (1 cup) seasoned tomato sauce
¼ cup chopped green pepper

• • •

1 8-ounce package green noodles (tagliatelle verdi)

Pound the meat thoroughly with sharp-edged meat pounder. Cut in serving pieces. Combine flour and seasonings; coat meat in mixture. Brown in hot fat. Place in 13x9x2-inch baking dish. Drain mushrooms, reserving liquid. Add water to mushroom liquid to make 1 cup; heat to boiling. Dissolve bouillon cube in the hot liquid and pour over meat. Bake in moderate oven (350°) 30 minutes. Combine tomato sauce, green pepper, mushrooms; pour over the meat and continue baking for 15 minutes. Meanwhile, cook noodles until tender in boiling salted water; drain. Baste meat with the sauce just before serving. Sprinkle with Parmesan cheese. Serve with hot buttered noodles. Makes 8 to 9 servings.

Famous foods from Jackson Lake

Begins on page 92

At Jackson Lake Lodge

Look around you in the friendly big dining room. You'll see plenty of families enjoying both the mountain view and the best of food. High-chair set take notice — your chairs match the grownups'! Just such thoughtful details are the keynote of Jackson Lake Lodge.

The Lodge plus the modern cottages offer 300 guest rooms in all. Because the lodge with thousands of acres of Grand Teton National Park is a gift to the United States from John D. Rockefeller, Jr., it is run on a nonprofit basis. That accounts for the moderate cost of rooms and meals.

"Good food away from home is very important," is the philosophy of General Manager Raymond C. Lillie. And of capable Chef Raymond Gillander, too. He sees to it that breakfast (mountains of pancakes, waffles, crisp curly bacon) fortifies everyone for the morning's hikes and rides.

Luncheon and dinner menus rival the variety and perfection of those in big-city hotels. Steaks sizzle on huge charcoal broilers; desserts are fresh daily from the lodge's own bakeshop. And in keeping with the country, elk salami and buffalo meat are occasionally served!

Aside from regular meals, Chef Gillander caters to special needs of the guests. Lucky fishermen can put their catch in a plastic sack to be stored in the cooler—then prepared to order. Horseback riders and mountain climbers can take along a box lunch sturdy enough for any frontiersman.

If the chuck-wagon dinner (see page 92) is served in the open, steak with pan-roasted potatoes and corn in husks replace the stew. The handsome salad arrangement bows to cabbage slaw and the turnovers to apple pie. And if the crowd isn't too large, buttermilk or sourdough biscuits are baked as a special treat.

It's easy to see why the two things guests talk about are what

[*Turn to page 117*

New on the fashion horizon

SYRACUSE *blue*

. . . a heavenly shade

with a unique talent for enhancing other colors.

Found only on Syracuse, of course . . . the fine china that, for all its delicate airs, is beautifully practical and made for long wear. Generations of craftsmanship account for the happy Syracuse combination of beauty with strength.

It's nice to know you're getting more than meets the eye.

SYRACUSE *China*

MINUET (above) • MEADOW BREEZE
five piece place settings 17.95

Yours for the asking: color brochure of Syracuse patterns with suggestions on choosing, using and caring for your china. Send for yours today.
Syracuse China Dept. BH-56, Syracuse 1, New York

Sis uses 750 dishes a month

Dad uses 570 dishes

Junior uses 720 dishes

Mom uses 770 dishes a month
(and one guess who does them all!)

Get out of the kitchen sooner

It's so nice outdoors—but *you're* stuck inside—with 3500 dishes to do! (When you include pots and pans, that's how many an average family uses each month.) But Lux Liquid can help you get done *fast!*

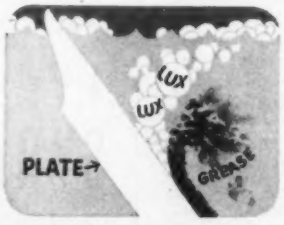
Unlike powders that have to dissolve, Lux Liquid goes to work *instantly*. It cuts under grease, lifts it up, floats it away. With even a quick rinse, Lux Liquid gets china, silver, glassware—*sparkling* clean!

And Lux Liquid is Lux-mild on hands. Thrifty, too—one can outlasts several boxes of the leading powder. A teaspoonful does a dishpanful. Get Lux Liquid!

HOW LUX LIQUID CUTS UNDER GREASE AND FLOATS IT AWAY!

Thick gravy was poured on this dish and let stand for 10 minutes until it hardened

Just as soon as the dish is placed in the water Lux Liquid starts to do its work



Lux Liquid's special action cuts under the grease, lifts it up and floats it right off

A quick rinse and the dish, as you can see, is beautifully and hygienically clean

LUX LIQUID IS THE NEXT BEST THING TO A DISHWASHING MACHINE

and it's Lux-mild on your hands

Famous foods from Jackson Lake

Continued from page 115

they're going to do and what they are going to eat. And everyone takes time to relax and look out the giant picture window (60 feet long!) of the Main Lounge. Breathtaking—the Tetons, Jackson Lake, the meadow.

Now back to food inspiration!

Tips from Chef Gillander

Talk about claims to fame! Chef Gillander has aplenty at Jackson Lake Lodge. Here are some of his cooking tricks and recipes for you to try at your own back-yard feasts. He highlights beef, because if you could pick out one food most typical of the mountain country, that would be it.

Beef roundup

Barbecue-broiled steak: Dip steak in this Marinade—1 cup salad oil, 1 tablespoon soy sauce, 1 clove garlic, chopped. This way you add subtle flavor and can skip greasing the grill as well! Cautions the Chef, "Don't cook to death—at least let steak show a bit of pink."

For beef en brochette: "Every shish-kabob needs a sauce." Marinate 1-inch cubes of beef tenderloin or top sirloin in mixture of salad oil, wine vinegar, chopped onion, and pickling spices. Cover and keep in refrigerator 2 or 3 days. Then string on skewers with green-pepper squares, mushrooms, pearl onions, tomatoes. Broil over hot coals.

Juicy burgers: Chef Gillander (supervises cooking of 400 hamburgers a day!) has 1 ounce beef suet ground with each pound top round. He seasons burgers at the start, again midway in cooking.

Chuck-wagon stews: Long, *slow* cooking at a lazy bubble is what makes the beef tender, brings about that luscious blend of flavors. Add vegetables when meat's about half done so they'll be just nicely cooked through and keep their color.

Foil-roasting: Place beef roast (or veal, lamb, turkey) on large sheet of aluminum foil. Season. Around meat, add chopped carrots, onions, celery, garlic. Fold foil upward to make package. Roast in slow oven. (Mr. Gillander boosts the temperature 50° for a tempting brown finish.)

Braised Short Ribs: Tie 3-inch cuts with string like a little package. Roll in seasoned flour. Place in shallow roasting pan. Cover meat with finely chopped onion and celery leaves mixed with a little salad oil; add bay leaf. Brown in moderate oven (375°), turning occasionally. When well browned (about 30 minutes), add beef stock or condensed consomme to half cover. Cover with lid and continue cooking at 300° till tender. Serve with buttered broad noodles or roast potatoes with the vegetable-meat pan gravy.

Salad styling

At the Lodge, salads are "built up," never flat as a pancake. To give this lift, Chef Gillander serves salads in frilly double lettuce cups or atop a bed of shredded lettuce. He stands tomato slices on edge like cart wheels for third-dimension look.

For tossed salads, all vegetables are in big pieces—identifiable, beautiful, fresh.

In mixing French dressing, Mr. Gillander likes to heat the vinegar with seasonings, then let it steep to bring out all the good flavors.

Roquefort Dressing: Use 1 part cream cheese to 2 of Roquefort cheese. Blend the softened cheeses and then add your favorite French dressing till of the consistency you prefer.

Chuck-wagon Stew

2 pounds lean beef-stew meat, cut in 1½-inch cubes
2 tablespoons fat
1 teaspoon sugar
2 teaspoons enriched flour
2 teaspoons salt
¼ teaspoon pepper
1 teaspoon chili powder
¼ teaspoon thyme
1 bay leaf
2 tomatoes, quartered
1 green pepper, cut in coarse pieces
1 cup meat stock*

• • •

6 small potatoes, pared and halved
6 small carrots, halved
6 small whole onions
3 or 4 stalks green celery, cut in large slices
1 cup fresh peas

Brown meat slowly in hot fat in a heavy kettle. Add sugar and continue browning till meat is well seared. Dust the meat lightly with flour and brown carefully. Add the seasonings, bay leaf, tomatoes, green pepper, and the meat stock. Cover and simmer over low heat until meat is almost tender, about 1½ to 2 hours. Add potatoes, carrots, onions, and celery. Cook stew about 30 minutes longer. Add peas and continue cooking about 15 minutes or till all is done. Makes 6 to 8 servings.

*Or use 1 can condensed bouillon.

Apple Turnovers

1 recipe Rich Pastry

• • •

2 cups finely chopped tart apples*
½ cup sugar
1½ to 2 teaspoons cinnamon
1 tablespoon butter
Light cream

• • •

Sifted confectioners' sugar

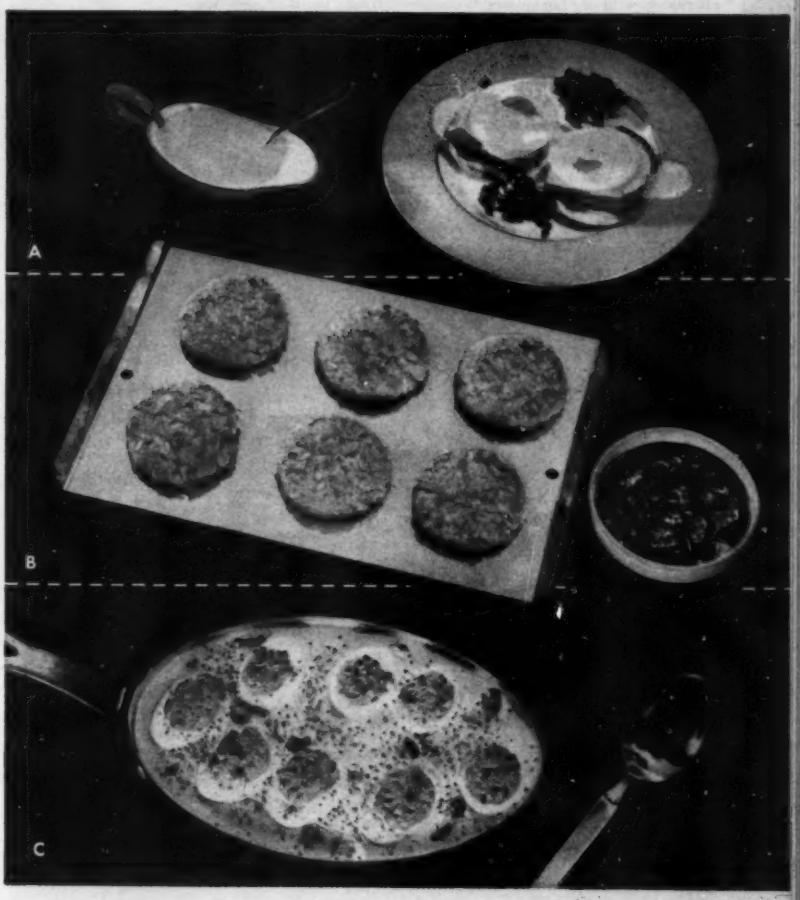
In center of each pastry square place about ¼ cup of the apple. Combine sugar and cinnamon and sprinkle over apples. Dot with butter. Brush edges of pastry with cream; fold over in triangles and seal edges well. Cut a few slits in tops and brush lightly with cream. Place on aluminum-foil-covered baking sheets. Bake in very hot oven (450°) 20 to 25 minutes or till nicely browned. Sift confectioners' sugar over tops. Serve warm.

*If apples are not tart, add a few drops of lemon juice.

[*Turn to page 251*

Let's be real *different* with eggs!

Look what you can do with eggs and the golden touch of Real Mayonnaise. These out-of-the-ordinary egg recipes are as *easy* as they are good. Try them and see.



Eggs Benedict

A Sauce for 6 servings: add ¾ cup Real Mayonnaise to ½ cup milk, salt, pepper, in double boiler. Cook 5 min., stirring constantly. Add 1 tsp. lemon juice, dash of paprika. Pour over toasted English muffin, sauteed ham slice and poached egg.

Egg Croquettes

B Combine 6 chopped hard-cooked eggs, 1½ cups cooked rice, ½ cup Real Mayonnaise, 2 tsps. grated onion, salt, pepper. Shape into 6 flat cakes, roll in bread crumbs. Bake on greased sheet at 450° for 15 min. Serve with mushroom or tomato sauce.

MAIN COURSE Deviled Eggs

C Place 12 stuffed deviled egg halves in casserole. Drain juice from 3-oz. can chopped mushrooms, saving ¼ cup. Blend the ¼ cup mushroom juice in saucepan with ½ cup Real Mayonnaise and ¼ cup milk. Add mushrooms; pour over eggs. Bake 10 minutes in 400° F. oven.

The creamy smoothness of Real whole-egg mayonnaise makes the big difference

Real *whole-egg* Mayonnaise brings out food's *whole flavor*. For a "golden touch" with eggs, with salads, sandwiches, with so many good foods . . . use the creamy smooth mayonnaise that's made with freshly broken whole eggs—whites, yolks, even extra yolks.

Best Foods® OR HELLMANN'S® REAL MAYONNAISE
ALSO AVAILABLE IN CANADA

A Top Winner in Pillsbury's 7th Grand National

REGENCY RIBBON CAKE

2½ cups sifted Pillsbury's Best Enriched Flour
3 tsp. double-acting baking powder 1 tsp. salt 1⅔ cups sugar
⅔ cup shortening (half butter may be used) 3 eggs, unbeaten
1¼ cups milk ½ tsp. French's Orange Extract 1½ tbs. cocoa
1 tbs. instant coffee 1 tbs. water ¼ tsp. French's Almond Extract

Sift together flour, baking powder, salt. Add sugar gradually to shortening, creaming well. Blend in eggs, beating well after each. Combine milk and French's Orange Extract. Add alternately with dry ingredients to creamed mixture, beginning and ending with dry ingredients. Turn ⅓ of batter into greased 9" round layer pan. Combine coffee, cocoa, water, French's Almond Extract; add to remaining batter. Pour into second 9" pan. Bake at 350° F., 30-40 min. Cool, split layers in half. Frost, alternating layers, starting with dark layer (use ½ cup frosting on each layer).

(More prize-winning recipes in every sack of Pillsbury's Best)

Luxury Chocolate Frosting: Melt 2 packages semi-sweet chocolate pieces over hot water; *cool completely* at room temperature. Cream ½ cup butter or margarine; gradually add 1 cup sifted confectioners' sugar. Add 3 unbeaten eggs, one at a time, beating with rotary beater. Blend in 1 tsp. French's Vanilla and cooled chocolate; beat until smooth. Decorate with Brazil nut slivers.

Elegant party cake . . . yet it's made in one bowl with one batter

$7,500 Regency Ribbon Cake

flavored with 3 of FRENCH'S pure Extracts

Free! PRIZE-WINNING RECIPES!

Send for leaflet of top prize-winning recipes from Pillsbury's Grand National Contest. Write to:

The R. T. French Co.
9084 Mustard St., Rochester 9, N.Y.

Name_____

Address_____

City_____ State_____

Tall, dark-and-white and handsome is this prize winner! And so rich tasting . . . thanks to the prize-winning flavor of French's pure Extracts—Orange, Almond, and Vanilla. French's Spices and Extracts were used exclusively in Pillsbury's Bake-off . . . chosen for freshness and flavor richness. Prize-winning cooks prefer French's—you will too!

French's Spices & Extracts

Bake brioche, light as a feather!

By Amy Allen

PASS A BASKET of oven-hot Brioche—it's crisp, golden brown on the outside, soft as a pillow inside! Brioche is a long-time French favorite—and will be one of yours, too, once you try it. The dough chills overnight, so plan to mix it day before the girls are coming for brunch. These little topknot rolls are delicious—and the compliments are all for you!

Recipe on page 294

Follow these easy steps to form rolls

1 After the dough has chilled overnight, turn out on lightly floured surface. The fun begins—divide the dough into 4 equal parts. (You'll make 24 small balls from one part, and 8 larger balls from each of the others)

2 Set aside one-fourth of the dough to use later (tip-top right in picture). Now cut the remaining 3 pieces in half. From each of these, form 4 balls, tucking the cut edges underneath to make the dough smooth on top

Photographs: Nelson, Photography, Inc.

3 Place these large balls in greased muffin pans. Cut the reserved quarter of dough into 4 wedges—then divide each into 6 smaller pieces and shape them in small balls, as shown—you will have 24 of this size in all

4 With your thumb, push a dent in top of the balls that you put in the muffin cups. (Or you might prefer to use a knife handle—it makes a good poker, too.) Holes will be a resting spot for tiny nuggets of dough that go on top

5 On with the topknots! First brush holes slightly with water, then press small ball into each. After rolls rise, brush tops with egg white and sugar mixture. Slide pans into oven (375°) and bake for about 15 minutes

CHEESEBURGER PIE

1 (9") unbaked pastry shell
2 eggs, slightly beaten
¼ cup French's Onion Flakes
½ cup milk
¼ cup French's Prepared Mustard
⅓ cup tomato ketchup
1 tablespoon French's Parsley Flakes
1 tablespoon French's Worcestershire Sauce
1 teaspoon salt
1 cup dry bread crumbs
1 pound ground beef
3 slices processed American cheese

Prick pastry shell with fork; bake in a hot oven (450°F.) 10-15 minutes or until lightly browned; cool. In a mixing bowl combine all ingredients, except cheese. Mix thoroughly. Spread mixture in shell. Bake in a moderate oven (350°F.) 45 min. Take from oven. Halve cheese slices, arrange on meat. Return to oven, until cheese melts. Before serving add a little French's Mustard. Serves 6.

French's goodness never fades out in cooking

How to Bake More Flavor into Cheeseburger Pie with FRENCH'S MUSTARD

•Double-creamed for richer flavor
A simple trick but what a flavor difference it makes! Mix French's *double-creamed* Mustard *in* the meat mixture before baking this Cheeseburger Pie . . . spread more *on top* after baking. French's *double-creamed* Mustard gives you more tangy goodness. Get a jar today!

More women choose French's than any other Mustard

Free! 32-page COLOR RECIPE BOOKLET "Seasoning Makes the Difference!"

The R. T. French Co.
1066 Mustard Street, Rochester 9, N. Y.

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Address_____
City_____ State_____

TREAT FOR WEIGHT WATCHERS ...New D-ZERTA GELATIN

Made by the makers of JELL-O desserts...so you know it's good!

D-ZERTA GELATIN makes refreshing salads and tempting desserts—yet it's absolutely sugar-free.* A portion contains only about as many calories as 4 grapes!

D-Zerta Gelatin comes in 6 famous Jell-O flavors and costs only pennies per serving!

Get new D-ZERTA PUDDINGS, too—*Vanilla, Chocolate,* and *Butterscotch.* Think of it—now you weight watchers can enjoy creamy, rich-tasting chocolate pudding with never a worry about calories!

Compare the calories in one serving	
Peach pie	406
Vanilla layer cake	309
1 Oatmeal cookie	114
D-ZERTA PUDDING (*with skim milk*)	54
D-ZERTA GELATIN (*molded with cottage cheese—40*)	12

*Deliciously sweetened with saccharin and Sucaryl® (Abbott).

D-ZERTA PUDDINGS and GELATINS

D-Zerta and Jell-O are registered trade-marks of General Foods.

Money for your recipes

Christmas desserts; holiday casseroles

CASH PRIZES will go to the winners in our new contest. The check in the mail may be yours for your best recipe for a Christmas dessert or holiday casserole. Two Cooks-of-the-Month will receive $20 each—nineteen other winners will receive $5 each. Selected winning recipes will be pictured in the Prize Tested Recipes pages next December. The winners of these 21 prizes will receive the *Better Homes & Gardens* Certificate of Endorsement and six copies of the endorsed recipe.

Hints to help you

Christmas desserts: We'd like the recipe for your favorite. It may be a rich, spicy, fruit-filled pudding, or perhaps one of the variations of steamed puddings. Or do you prefer a delicious chilled or frozen dessert? Be sure to tell us all about the sauce you use, too! Look below for suggestions:

Christmas pudding
Nesselrode pudding
steamed cranberry pudding
angel parfait
eggnog ice cream
fig pudding
refrigerator plum pudding
carrot pudding

Holiday casseroles, other main dishes: Is your best come-back-for-more main dish made with chicken, ham, or turkey (plain or smoked)? You may combine any of these with a well-seasoned sauce or add vegetables, spaghetti, noodles, or rice. Do you bake it, cook atop the range or in a chafing dish? Ideas:

turkey and ham casserole
ham a la king
chicken almond
turkey scallop
cheese-ham pie
curried chicken
turkey-spaghetti skillet
ham party loaf
chicken-and-dressing pie

This month's winners

(*See recipes on pages 111 and 112*)

Cook-of-the-Month

Carolyn Sollis, Sioux City, Iowa

Other Winners

Janet Anderson, Lakewood, Calif.
Mrs. Robert A. Browning, Ventura, Calif.
Mrs. Hildreth H. Hatheway, Santa Barbara, Calif.
Mrs. Rucile L. Koch, Bismarck, N. D.
Mrs. Ruby Kulchitsky, Philadelphia, Pa.
Theresa M. Lessmeister, Peru, Ill.
Mrs. Alfred W. Wells, Palmyra, N. J.

Honor Roll

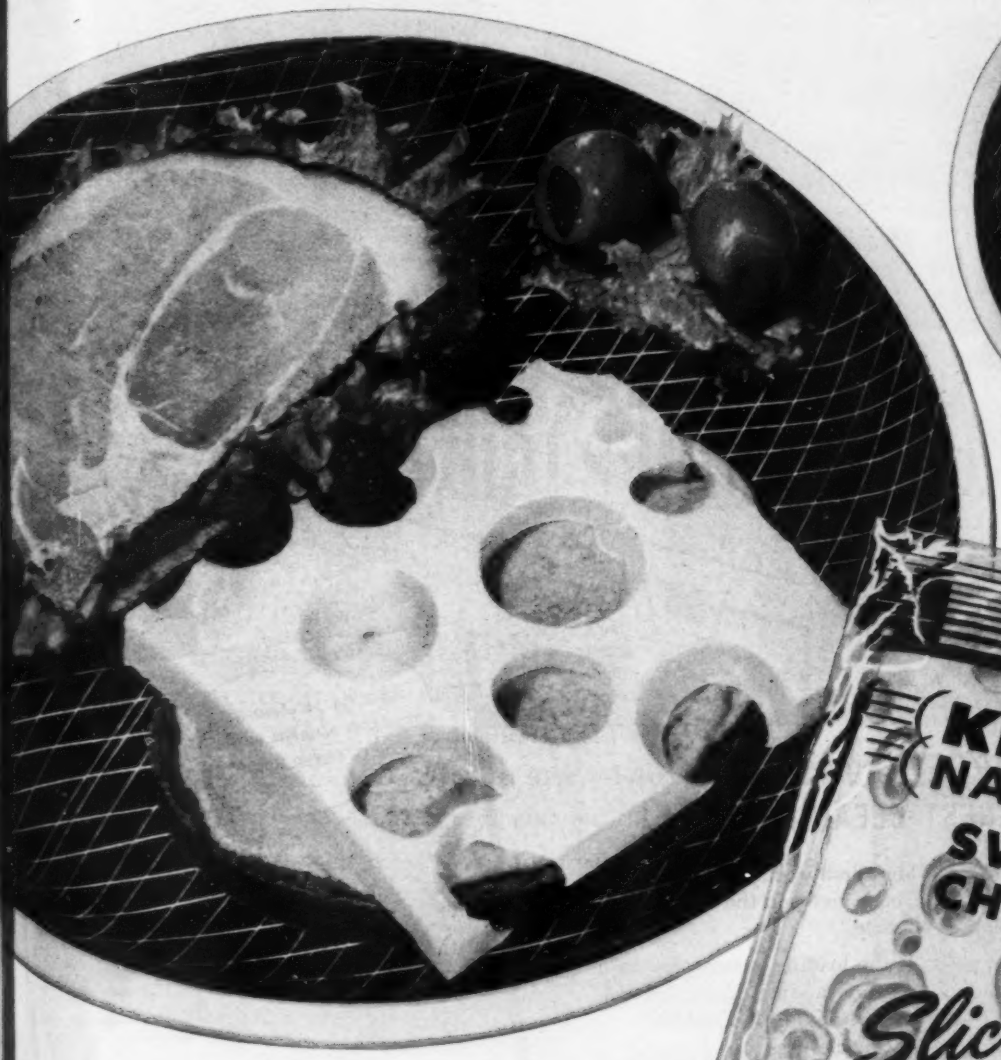
Mrs. Nicholas Borgia, South Ozone Park, N. Y.
Mrs. Mary L. Buzek, Cincinnati, Ohio
Mrs. William Carpenter, Rochester, N. Y.
Mrs. Charles Cammall, Winthrop, Mass.
Mrs. David S. Chern, Philadelphia, Pa.
Mrs. Robert A. Kyle, Seattle, Wash.
Mrs. Ernest Lubiani, Jr., Memphis, Tenn.
Mrs. Charles A. Rulon, Waltham, Mass.
Mrs. Richard Tilsen, Milwaukee, Wis.
Mrs. George S. Wagoner, Jr., Bridgeport, Pa.
Mrs. Shirley Workman, Milwaukee, Wis.
Mrs. W. H. Wolfrum, Raton, N. Mex.
Mrs. Edward A. Zucker, Muncie, Ind.

Contest rules

1. Write your recipe clearly on one side of the paper. Send but one recipe at a time, and mark it "December Christmas Desserts" or "December Holiday Casseroles."
2. Print your full name and address in upper right corner of paper.
3. Give measurements in *level* cups, tablespoons, teaspoons—never in heaping or scant measurements.
4. Be sure to specify in your recipe the brand names of the *nationally* known food products you use as ingredients—products available everywhere. We must know them so we can test your recipe with the same brands you use.
5. Include 50 to 100 words about the origin of the recipe you submit.
6. Recipes submitted become property of *Better Homes & Gardens.*
7. Entries must be postmarked by midnight, May 31.
8. Address the recipes you enter to 5405 Tasting-Test Kitchen, *Better Homes & Gardens,* Des Moines 3, Iowa.

The cheese that belongs with your favorite drink: *Kraft Natural Swiss*

NUT-SWEET IN FLAVOR! THAT'S WHY IT TASTES SO GOOD WITH DRINKS, HOT OR COLD. YOU'RE MISSING SOMETHING TILL YOU TRY IT.



HERE'S HEART-OF-THE-CHEESE GOODNESS

- **Glorious nut-sweet flavor**
- **Tender texture**
- **Not a smidgen of rind**

Specially wrapped and sealed to keep the slices fresh

Next time you open up a cold bottle . . . or give yourself a "break" with a steaming cup . . . enjoy a snack of the cheese that's meant to go with your favorite drink.

It's the pale golden cheese with the holes and a very special mild, nut-sweet flavor. It's an Old World type of cheese that traditionally *belongs* with beverages. Now Kraft makes it here—brings it to you *all sliced*, with true heart-of-the-cheese goodness in every morsel. Special sealed packages hold the fresh-cut goodness of each slice.

It's *great* with a brown bottle . . . *great* with a green bottle . . . *great* with cola drinks . . . *great* with tea and coffee. Try *Kraft* Natural Swiss Cheese today.

THE WORLD'S FAVORITE CHEESES ARE MADE OR IMPORTED BY **KRAFT**

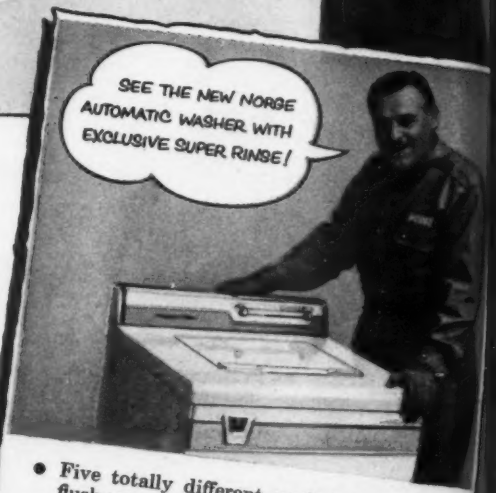
TIDE'S INSIDE—NORGE KNOWS TIDE GETS CLOTHES THE CLEANEST CLEAN POSSIBLE!

It stands to reason that the men who *make* the fine Norge Automatic are the men who really know all about it . . . know what's good for it . . . know how to make it give you the best possible results. And these men who make the Norge recommend *Tide* . . . actually put a box of Tide in every new machine right at the factory.

So *many* other manufacturers do the same. That's to make sure that right from the very first wash, their automatics work perfectly, give you the cleanest clothes possible.

In all these top-loading automatics, no leading washday product made, nothing else—with or without suds—can beat Tide for getting clothes clean.
Use Tide in *your* automatic and discover for yourself why more women use Tide in their automatics than any other washday product in America!

THE CLEANEST CLEAN POSSIBLE IS TIDE-CLEAN



- Five totally different purifying actions flush away everything—from lint to sand, automatically!
- Exclusive Time-Line Control lets you select two separate automatic cycles—regular cycle for family loads—short cycle for small loads and delicate fabrics!

THE MAKERS OF 25 AUTOMATICS RECOMMEND *Tide!*

Freezer drawer glides out to put frozen foods within easy reach. Holds up to 173 pounds. Two roomy porcelain bins slide separately for loading; lift out for cleaning. You may use as freestanding appliance or place undercounter. Choose pink, blue, turquoise, brown, or yellow

Here's a 30-inch range with four top burners plus a griddle! Or you may replace cast-aluminum griddle with grate top for a fifth burner. White porcelain cover (not shown) slips over the griddle when not in use, adds extra work space. Note range-wide oven with picture window

Look what's new for 1956 kitchens

APPLIANCE STYLING is more compact, often with a dual use to save space and money, too. You'll find more built-ins and stack-ons for that custom-kitchen look. More color, color everywhere. Seeing is believing . . . so here's the latest kitchen equipment on parade

Photographs: Hedrich-Blessing

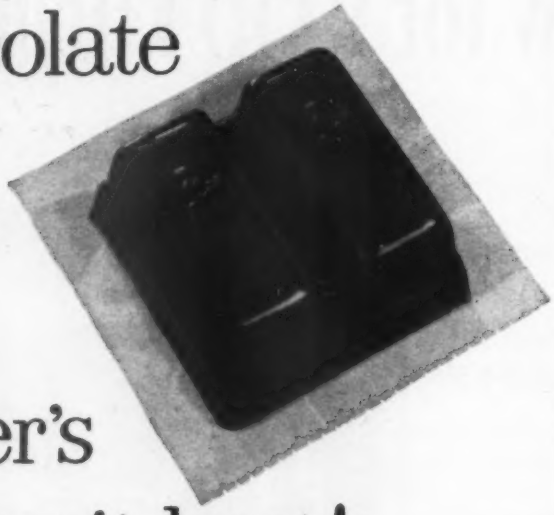
Built-in wall panel gives adequate and easy-on-the-budget wiring. Converts 220-volt current into four 110-volt outlets for four appliances. You can cook breakfast in one spot without blowing fuses. Clock automatically turns one appliance on and off when you choose

Steaks broil on both sides at the same time! This new oven attachment boasts two vertical broiling elements. Adjustable wire rack holds meat, pan underneath catches drippings. For regular baking, broiler unit is quickly removed, replaced by top electric element

More on next page

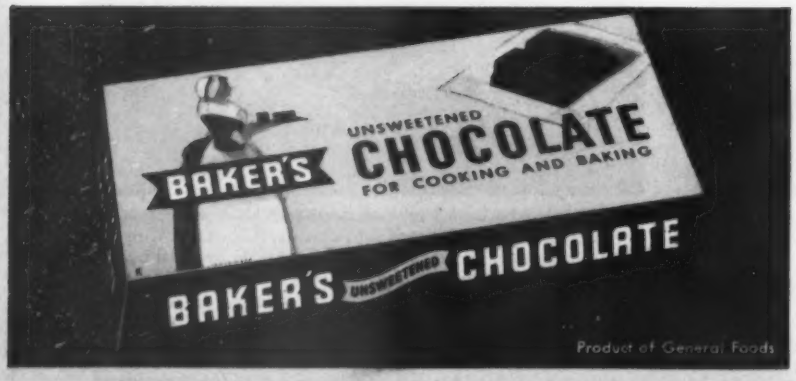
It's real chocolate fudge

if it's made with real chocolate



and Baker's makes it best!

For glorious creamy fudge with luscious chocolaty flavor, always use Baker's Chocolate in your favorite recipe.



Look what's new for 1956 kitchens

Begins on preceding page

Oven down. This undercounter oven sports stainless-steel top—an ideal work surface, safe landing for hot dishes.

Control panel on wall has automatic clock to turn oven on, off; also minute timer. A roast-meter tells when meat is rare, medium, well done.

Oven up. Magic oven (same as above) will automatically rise by push-button, so it's 15 inches higher than counter.

It may be stopped at any height you like for easy broiling or lifting heavy roasts.

Oven will not move up or down when door is open; is 24 inches wide, 25 deep.

Matching refrigerator and freezer are set in wall at height best suited to you. A supply and a half of food can be stored in the deep doors and roomy interiors—about 14-cubic-foot capacity.

Units are also available with finished sides, so they can be placed at end of a row of cabinets, or stacked one on top of the other. Choose right- or left-hand door, to fit your kitchen.

More on page 128

any cake made with cake mix tastes better with Watkins Vanilla added

WON'T FREEZE OUT!

WON'T BAKE OUT!

SEALED IN FLAVOR!

GOES TWICE AS FAR!

WHY? Because tastes being what they are, manufacturers of cake mixes must hold flavor to the middle of the road. So to perk up that flavor, add Watkins Double Strength Imitation Vanilla.

Right now, your Watkins Dealer has a special money-saving offer for you on Watkins Vanillas. Next time he calls at your home, ask him for Watkins Vanilla, used by fine cooks for over 88 years.

If your Watkins Dealer has been missing you lately, look in your phone book for **WATKINS QUALITY PRODUCTS**

Watkins

SINCE 1868

THE SHOPPING CENTER THAT COMES TO YOUR HOME

THE J. R. WATKINS COMPANY...WINONA, MINNESOTA • NEWARK • MEMPHIS • OAKLAND • MONTREAL • WINNIPEG • AUSTRALIA • NEW ZEALAND • SOUTH AFRICA

IT'S
SO EASY
TO PLAY A
Wurlitzer
Organ

As if by magic, the full rich sustained tone of the Wurlitzer Organ smooths and blends your very first efforts — you'll actually be *amazed* at the wonderful music *you* are creating.

WURLITZER
100 YEARS OF
MUSICAL ACHIEVEMENT

Wurlitzer Organ
Lesson-Loan Plan
Low cost—trial offer
A Wurlitzer Organ in your home . . . weekly lessons . . . music material . . . the Lesson-Loan Plan is a complete package at a nominal cost — check with your nearest Wurlitzer Organ dealer.

The Wurlitzer Organ Lesson-Loan Plan is available at most Wurlitzer dealers—mail coupon for full details.

THE RUDOLPH WURLITZER CO.
DE KALB, ILLINOIS, DEPT. BHG-3

Please send me full details on the Wurlitzer Organ Lesson-Loan Plan

NAME_____

STREET_____

CITY_____ STATE_____

WORLD'S LARGEST BUILDER OF QUALITY KEYBOARD INSTRUMENTS

Pick-up salads, garden fresh

WANT AN EASY, different way to serve your salad course? Let guests "pick up" crisp relishes, eat them out of hand. The arrangement is the secret to success.

A finger salad looks elegant, keeps Arctic cool on a bed of crushed ice. Or pass a platter of vegetables for dunking in cheese dip—good idea for a snack party.

Crunchy relishes "sprout" from a pretty glass bowl that has its own built-in chiller. The crushed ice keeps sticks of French endive, cucumber, and celery daisy fresh. A water-cress wreath is the frilly springlike trim

Folks who are dunking fans will cheer carrot curls and celery for dipping in cheese. Baked-ham strips and tiny sweet pickles are go-withs. Garnish with radish accordions and mint sprigs. Serve tall glasses of lemonade

Photographs: Nelson, Photography, Inc.

Palette-shaped bowl makes artistic holder for a salad of ripe olives, green onions, celery, and tomato wedges with cucumber. Cornucopias are salami slices rolled around slim cheese sticks and anchored with toothpicks

← Give this a whirl—Lazy Susan includes cheese-stuffed celery, deviled eggs, alternating cucumber slices and green-pepper rings. In center: Olives and radishes. Toothpicks are "handles" for cauliflower, beet pickles

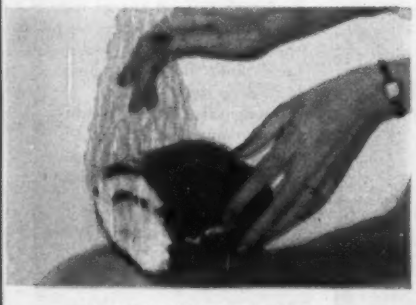
DOW

NO FREEZER BURN

Saran Wrap is tough and pliable, conforms to odd shapes and adheres snugly, making it easy to press out air pockets that cause freezer burn.

NO ODOR TRANSFER

Saran Wrap keeps food flavors at their best. And it keeps strong food odors . . . even fish and onion . . . from escaping to other foods which are stored nearby.



NO FOOD WASTE

Saran Wrap keeps your leftovers fresh and flavorful in the freezer . . . and keeps everything in plain sight for ready inventory. It's the ideal freezer wrap.

NO MOISTURE LOSS

Saran Wrap* preserves all the natural moisture in foods you prepare ahead of time. Separate patties with Saran Wrap and freeze a stack in one package for an easy last-minute meal. Saran Wrap won't stick to frozen foods.

* USE EXTRA-WIDE QUEEN SIZE SARAN WRAP FOR ALL YOUR LARGER FOODS.

Save money...freeze your foods in Saran Wrap

It's easy to relieve the monotony of meal planning . . . save money, too . . . when you freeze foods in Saran Wrap, the finest freezer wrap ever developed. Whether it's fresh foods or leftovers, freeze them in this tough, plastic wrap and they'll be ready and delicious at a moment's notice. Pick up a roll or two. Regular and extra-wide Queen size are available throughout the United States and Canada. THE DOW CHEMICAL COMPANY, Midland, Michigan.

Saran Wrap added protection T. M.

Look for the Saran Wrap hallmark of protection on the packaged foods you buy.
*Trademark

DOW

Alsynite – for a longer Spring!

Discover new outdoor pleasure

Picture yourself enjoying all the pleasures of Springtime outdoors—no matter what the calendar says! Add this magic touch to your home—cover your patio with Alsynite fiberglas panels. Sidewalls of translucent Alsynite block chilly early-season winds, and bathe the patio with the brightness of Spring as built-in colors transmit pleasant, diffused light. When Summer launches its blistering attack you'll be cool and comfortable because Alsynite overhead contains exclusive heat-blocking Filtron 25. And your Alsynite patio will keep its sparkle; every panel Chemiglazed for long-lasting beauty. Ask your dealer to show you exciting new color tones. But beware of "look-alike" imitations . . . insist on *genuine* Alsynite with the Warranty Label.

Alsynite® write for FREE full-color folder

COMPANY OF AMERICA
Dept. E-10, San Diego 9, Calif.
Send new full-color folder without obligation.
NAME _____
ADDRESS _____
CITY _____ STATE _____

COPR. 1956 ALSYNITE

Look what's new for 1956 kitchens

Continued from page 124

Space pincher. Washer-dryer combination is only 27 inches wide! It's simple to operate, too—set control, then push one button to both wash and dry clothes in a single operation.

Unit can be used as a washer or as a dryer. You may have it as a freestanding model or an undercounter unit as shown here. Install in kitchen, utility room, bathroom—most anywhere.

Double-duty food keeper has separate refrigerator up top, freezer below—all housed in one cabinet. Both units have extra-deep door storage.

Refrigerator-freezer combination comes in 14- or 18-cubic-foot models. Each uses only 32 inches of wall space.

Washer tub and lid of glass fiber are strong, long-lasting—won't stain or rust! Wonder material holds heat for those hot-water batches.

Roll wringer-washer to the sink for use. Drain line hooks over sink bowl. When washing is finished, stow compact unit out of the way.

More on page 177

Soilax

picks up and holds all the dirt from your floors

Soilax actually absorbs soil instead of "loosening" it like ordinary cleansers that swish diluted dirt across your linoleum. Soilax ends "cleansing smear!"

Soilax leaves no sudsy scum or dulling film so there's no need to rinse.

Soilax ends scrubbing... just an easy wipe-up erases deep-seated stains and ground-in grit, leaves linoleum spotless.

See how shining clean your linoleum can be...with Soilax

Elbow Room?

Important, sure! but...

for really comfortable ironing it's

Rid-Jid

KNEE ROOM

This new and different kind of ironing table makes it so much easier and more comfortable to sit down and iron. Knee Room's S-shaped legs curve outward leaving room for knees so you can sit *into* the table and iron right over your lap. No bending . . . no stretching . . . no twisting. No bumped knees or snagged hose.

Whether you dampen your clothes with steam or sprinkle them, you'll find they iron smoother, dry faster on Rid-Jid Knee Room's open mesh steel top that whisks moisture away.

With easy fingertip control, Rid-Jid Knee Room adjusts to your comfort level . . . sitting or standing. 12 height adjustments with safety lock. Automatic opening and closing.

In beautiful chrome and sunshine yellow, Rid-Jid Knee Room is lovely to look at . . . wonderful to own . . . and so appreciated as a gift (doubly so, when you include an Air Flow Pad and Cover Set!)

APPROVED BY CUPID FOR BRIDES

Who wants to teach Sunday school?

Continued from page 33

Sunday-school session there had been only 17 youngsters. Would we have half that number this year?

The first thing I wanted was some teachers with "spark." I also wanted teachers who would tackle a tough job *and not let go*—whatever the discouragements might be, and however bad a superintendent I might prove to be.

And my first teacher would be important—because on the selection of teacher No. 1 might depend the acceptance—or the refusal—of others.

We toured from house to house, buttonholed people in the store, ran up a phone bill. I got every excuse under the sun, but I must admit I wasn't surprised. You see: I kept hearing *my own arguments.* "I'm too busy." "I'd like to help but I'm away such a great deal." "Well, I can't get a baby-sitter." "I don't get along with kids." "Gosh, we have so many relatives and friends visit us on weekends."

I could sympathize, but that wasn't any help getting a staff for those kids. And there were *some* arguments I couldn't sympathize with. In ours, as in every parish, some people are always feeling "hurt" or slighted. Some people, I've learned, actually *like* to work up a feeling of having been slighted. In a way this covers up a desire to get out of working. If they'd pitch in they'd realize how imaginary the slights are.

So when people expressed old hurts, I didn't try to get them on the team. People who have been offended in the past usually manage to become offended again. Kids need teachers of sterner stuff.

And then one day my wife suggested Dolly Winterbottom. Mrs. Bob Winterbottom was a newcomer in town, but she was married to an energetic young husband who had been baptized in the church. I didn't have much hope that she'd teach because I learned she was one of the busiest people in the parish. She was the mother of a small, lively son who had all of his father's energy (and then some); and she had a house crammed with guests almost every weekend; she was helping her husband finish the house; and she had a job—in fact, not one job but *two!*

"She really won't have time," I said.

But we went to see her. Dolly was a clear-eyed, young woman with a quick, friendly smile. There was not an ounce of evasiveness in her.

"Sure," she grinned, "I'll teach—if you're willing to put up with me, and show me what to do."

We had our first teacher. We didn't know it then, but we were learning lesson No. 1: *busy people make fine teachers.*

Need another entry form? Here's one to pass along to someone you know who's improving their place

▶ Tell neighbors, friends, relatives how to qualify for part of the $25,000 prize money

PRELIMINARY ENTRY FORM—HOME IMPROVEMENT CONTEST

To the Contest Editor, *Better Homes & Gardens,*
Des Moines 3, Iowa.

Please enter my name in your 1956 Home Improvement Contest and send me my book and Final Entry Form. I have checked below the division or divisions I intend to enter.

Name .....
(please print)

Street and No. .....

City ..... Zone ..... State .....

☐ Exteriors ☐ Additions

☐ Interiors ☐ Kitchen-Utility areas

It is not necessary to buy a copy of Better Homes & Gardens to enter this contest

4

See page 6 for complete contest details

We quickly learned lesson No. 2: one good teacher attracts others. In quick order we lined up Mrs. Elsie Lorch, Mrs. Bunny Hotchkiss—and her husband Larry, and finally Mrs. Mary Kaufholz. That was five. My wife, who would be a substitute, was six, and I was seven.

Elsie Lorch was mother of two active boys; she ran a Cub Pack, bowled once a week, and had other community interests. Bunny Hotchkiss also had a home to run—and three small children. Her husband traveled 40 miles a day to and from his job, worked at home evenings and had other responsibilities. Mary Kaufholz had two sons, a new home (and all the attention a new home requires). Besides that she was a capable administrator in several community activities and was always being "called on" by various groups.

All these fine people were busier than they had any right to be. And the Hotchkisses had to drive 30 miles every Sunday just to get to Sunday school and back!

We had our teachers. However, would we have any children to teach?

They came in a flood. Or so it seemed to us as we watched them file down into the dim, damp basement room that was our old-fashioned, out-of-date Sunday school. Some day we would have one of the modern schools that other churches are building.

On this opening Sunday we'd managed to do things to that drab room. If we wanted youngsters (and teachers) to *want* to come to Sunday school we had to give them *cheerful* surroundings—not mustiness. So we scrubbed the room, turned on the furnace long enough to dry out the dampness, and replaced the dim old 60-watt bulbs with fresh, bright 100-watt bulbs all around.

The room shone when the kids trooped in—and so did the faces. We counted those faces with great care—instead of 17, they kept on coming—45 in all.

Now the question was: how to *keep* them.

To answer this, we teachers first asked ourselves: *why are they here?*

We knew of course that they were there (a) because parents brought or sent them, (b) because it was something to do, (c) and because they would see their friends and make new friends. We didn't think they came for fun.

And strangely enough, we decided that to a surprising degree *they were there to learn about God.* Children are far more idealistic than we think.

A child who enters a church knows he is entering a place of good—and he wants to be there. He may not want to stay there very long when all outdoors beckons, but he gets the idea—and likes it.

We started with another premise: *children want discipline!* I have heard of Sunday schools in which children become so noisy and unruly that teachers can't teach. We resolved that this would never happen to us. Would we find we were right?

Now our school, like any other, had all kinds. We had husky, hefty farm boys—strong as prize fighters and full of life. We had girls of all natures—lively girls who ride horseback, swim—and quiet girls who don't have much to say. Our kids, being both city-bred and farm-bred, were a cross section of everything. We had two quiet daughters of a French baroness; and two boys who handled cattle and tractors—and came to Sunday school right from their chores—sometimes in their work clothes. None of them was perfect. We had two or three boys or girls who, we discovered, dipped a sly hand into the collection pennies now and then. Then there was one solid lad who had found a dead policeman in the woods and, with two other boys, had tackled (and caught) the killer—an escaped convict.

So there was plenty of fire and little milk toast in our kids. *Yet not once in our first year did we have a discipline problem.* The kids knew we meant business—but they also knew we liked and respected them.

At the end of the first year we teachers still liked the kids and they liked us. I don't think there was one of us teachers who ever wanted to miss seeing tall Larry McBride taking the processional cross and little Pete Lorch, his red hair slicked and parted, taking the flag and leading the procession of youngsters out of the regular church service each Sunday at 11:30 a.m. (before the sermon). Down the aisle they'd come, and then they'd march down the stairs to the basement classroom.

What did we do—besides lead the lessons that were so thoroughly prepared each Sunday in the printed material we used?

Once a month, on Friday evenings, we had movies. You should see them jam our movies (comedies, nature, westerns). Most popular films? The comedies and horse stories.

We started an Outdoor Club (nonsectarian) and got the local game warden and game technician to show the kids how to build—and place—feeding boxes for pheasant. The kids planted a forest of young trees, saw how trout streams could be improved, helped place feed for deer in deep snows, learned how game is counted.

We also planned a mountaintop chapel for sunrise services at Easter and evening services at other times in the year—and this is our next big project. One day the whole school climbed a tall hill for a mountaintop service. The boys cut logs and fashioned a cross, which was blessed by the rector.

We put great stress on entertainment. Nothing in Scripture says a church must be a gloomy place. In fact the trend in today's Sunday schools everywhere is to make the church a *friendly* place. Kids love a friendly, cheerful home; *if a church is friendly and cheerful they develop warm affection for it.* They're driven away by stern gloom, which is contrary to every youngster's nature.

[*Turn to page 133*

A beautiful gift for Mother on her day (and so practical, too, for that special June Bride) the new Dominion immersible Fry-Skillet prepares heavenly meals with half the work. With its big 4-quart capacity—stews, steaks, casseroles, cakes are almost as easy to make as a luncheon sandwich. Controlled heat keeps food from sticking, burning, or drying out.

And this new Fry-Skillet cleans as easy as a china plate—just immerse in water right up to the end of the E-Z Cook Guide on its handsome handle. Gleaming "silvercraft" styling with cover in polished aluminum or copper finish complements your most elegant table appointments. Available in 3 models (square or round) from $16.95 at your Dominion dealer.

DOMINION
FRY-SKILLET

Meal-Planning Booklet . . . prepared especially for Fry-Skillet cookery. Just 10c to Dominion Electric Corporation, Mansfield, Ohio. In Canada: Samson-Dominion Limited, Toronto.

New G-E Dishwasher is easy to load...holds service for eig

...washes pots and pans too!

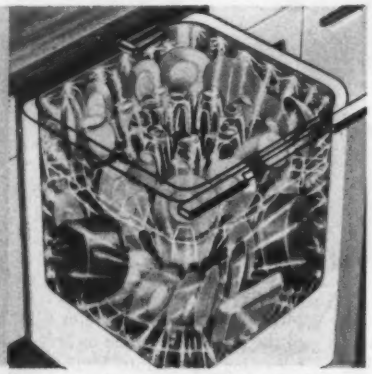
A GENERAL ELECTRIC DISHWASHER is so easy to use you'll *never* mind doing dishes! Silver, dishes, pots and pans—all washed sparkling clean with a turn of the dial! Don't settle for less—the best costs no more. Year after year, more people choose—and enjoy—General Electric Dishwashers than any other make.

Cost is approximately $2.45 per week, after small down payment.

General Electric Dishwasher illustrated fits in space of 24-inch base cabinet—is standard counter height and depth for easy installation. Available in five Mix-or-Match colors plus white or four beautifully grained woods. G-E Textolite® counter tops are also available in mix-or-match and blending colors. Most models available in Canada and Hawaii. General Electric Company, Louisville 1, Kentucky.

No awkward bending or stretching! General Electric Dishwashers pull out like a drawer—load from the top. No racks to move or slide . . . dishes slip easily into place. Top-loading tub prevents splashing leftover liquids when loading cups and glasses.

Plenty of room for those bulky pans and platters without sacrificing space for normal table service! Tub accommodates odd-shaped bowls—even corners of the tub are usable. Holds mixed load of over 100 pieces . . . about all the average family of four uses in a day.



You don't have to pre-rinse by hand! Power pre-rinsing removes excess food soil before washing begins. Double-washes, triple-rinses in water hotter than hands can stand. Dishes dry sparkling clean—spot-free—in fan-driven air warmed by Calrod® unit.

WASHES DISHES EASIER, FASTER, CLEANER THAN BY HA

GENERAL ELECTR

Who wants to teach Sunday school?

Continued from page 131

What did we *teach?*

Besides the standard lesson material we tried to teach:

Love of God.

Loyalty to the church of one's faith—and to one's own parish. All churches are torn by minor (sometimes major) dissensions and hurt feelings; we've tried to teach our kids to *stick by their church* no matter what little parish problems arise.

Simple honesty. We made it a point to let the two or three who had swiped pennies take up the collection; and stressed that it was an honor to be so entrusted. We'd honor the plate bearers before the whole school. (After that, the penny-swiping stopped.)

Respect for each individual. As in any group, there were several who weren't popular. Sometimes we heard—"Oh, is *he* coming along?" Or, "Do we *have* to have her?" *In such cases we tried to help the unpopular child.*

We had two projects. Hanging in the basement room was a tattered old crimson banner with letters of gold.

Beautiful as it still was, with its old-fashioned gold tassels, it was literally falling apart—in strips. Major surgery was needed. The kids voted to have it put in a frame behind glass and hung on the wall—a $20 project. To pay for it, they'd contribute a penny a week. The pennies poured in—and to record progress we relied on an old-fashioned "thermometer" poster.

When the banner was duly installed, with ceremony, we tackled another project. Last Christmastime, our little Gothic church was deadly dark at night.

The question was put to the school: should we raise pennies again and install an "ever-burning" light—so that to passers-by at night the church would never look dark and deserted again?

Hands flew up; they cheered. Again the pennies began to clatter into the big pickle jar (into whose brass screw-top we had cut a slot). Some older members of the church were aghast at the idea of collecting pennies in a pickle jar and thought we should use a velvet-lined collection plate. But the kids liked the old jar, and the sound of coins clattering in—and to the end that's what we used.

Again the thermometer chart went up on the wall, with a glowing floodlight painted at the top. Little by little the "mercury" crept up toward the light but this was a long pull: $50.

You should have seen those pennies come in! One day a little girl dropped in 27 cents. Her teacher remonstrated. She knew Sally's family wasn't exactly rich.

"But I *wanted* to do it!" Sally almost cried. "That's my whole week's allowance. I want to see that light up there!"

The light went up one wonderful night. It was an outdoor flood mounted in the crotch of a tall elm. Now, every night, the little church is flooded with light and the cross that tops the west wall glows against the stars.

"There's *our* light!" shouted Sally the night it came on.

And we heard later that "Dusty" Marshall, one of our husky lads who moved away, made his family drive 70 miles a few nights later so he could see the light!

If you think you wouldn't like to teach Sunday school, reflect on these things and think again. It gets hold of you!

"Those kids seem to *expect* so much," said Larry Hotchkiss one night. "You just get the feeling you can't ever let them down!"

Things the kids will expect of you are:

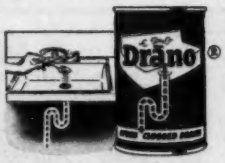
Simplicity, amiability, honesty of purpose, the kind of plain faith that doesn't need dramatization, discipline, and *reliability.* (Kids never forget a broken promise.) They also look for *standards.*

As for my teachers and me, we're all out of breath trying to come up to *some* of these expectations. But we're in there for another inning right now—*and we're having the time of our lives.*

"Did my giant super-powered magnet come today?"

"D-R-Ā-N-O? Drāno! Heavens to Betsy! He's right! Today is Drāno day!"

Drāno "spells" plenty of trouble for the dangerous sewer germs that lurk in every drain. Those horrid germs breed in muck that liquid disinfectants can't budge. But Drāno's churning, boiling action dissolves the muck, keeps drains germ-free and free-running.



Make one day a week Drāno day. Put Drāno in every drain for about a penny a drain. Makes septic tanks work even better. Get Drāno at your grocery, drug or hardware store. Also available in Canada.

There's nothing like Drāno . . . to keep drains free-running and sanitary.

PRODUCTS OF THE DRACKETT COMPANY, CINCINNATI, OHIO

"So I said to her, 'As master of this house, I demand you clean the windows with Windex Spray'!"

Ah well, at least he'll finish the job quickly with Windex Spray. Grand Windex Spray gets windows, mirrors, any glass surface sparkling clean . . . in half the time—and it's fun. Swish . . . spray it on. Whish . . . wipe it off! Glass stays clean longer, too. Windex Spray leaves no waxy dust-collecting film . . . no streaks!

Thrifty too, is Windex Spray. The handy 6-oz. size is plenty economical! And the big 20-oz. refill size is even more so! You'll find both at any grocery, drug or hardware store here or in Canada.

So quick, easy, thrifty, it outsells all other glass cleaners combined!

Bridgeport® *Copperware*

cooks as beautifully as it looks!

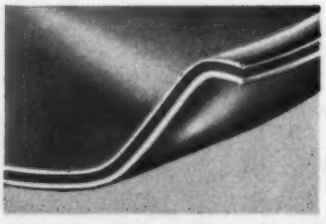
A completely new idea in cookware! It's made of copper, *Encased Copper* from rim to rim between two layers of gleaming stainless steel ... with the exclusive features shown. Available also in *Copper Clad* style – mellow, burnished copper outside for beauty and gentle cooking, stainless steel inside for easy cleaning. Whichever your choice, Bridgeport Copperware is truly *the finest you can own . . . or give!* See the full line at leading stores everywhere.

CONVERSATION-PIECE STYLING

for range-to-table service. So superbly fashioned you'll bring your skillet and casserole right to the table . . . enjoy easy, gracious buffet service or informal dining with the Bridgeport wrought-iron warmer.

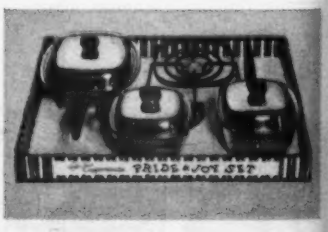
UNIQUE SQUARED SHAPE

for better use of range space. Non-drip pouring is easy from corners. And Bridgeport Copperware holds more, does more – accommodates square-packed frozen foods perfectly. Casserole in saucepan serves as double boiler.



MAGIC HEART

for fast, gentle cooking. Made of heat-carrying copper between two layers of stainless steel. So you get copper's fast, gentle cooking to keep flavors and vitamins alive . . . plus the easy-cleaning quality of stainless steel!



PRIDE AND JOY SET –

the perfect gift! Most verastile starter set ever! Includes most-wanted utensils; skillet, saucepan, casserole that converts saucepan into double boiler. Also a wrought-iron warmer that holds candle, sterno or alcohol burner.

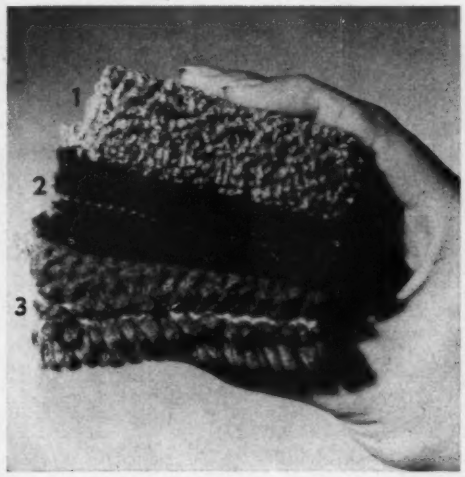
BRIDGEPORT BRASS COMPANY, Bridgeport 2, Connecticut

Producers of better metals for America since 1865

How to recognize carpet quality

You've seen what new carpet colors and styles can do for your rooms—here are pointers to finding good quality:

Check for quality construction: high, dense pile and firm backing



The more pile or tufts per square inch the longer wear you can expect. This is called density. Folding a sample of carpet with the pile side out shows you how dense it is and lets you examine individual tufts.

If the carpet quality is alike in every other way, a looped-pile carpet generally lasts longer than a cut-pile carpet. Tightly twisted yarns made of many strands resist matting and wear.

You can see that Sample 3 has the least twist and the tufts are farther apart than Samples 1 and 2; it would probably wear quickly, though the pile is long.

▶ Take measurements—decide carpet size

For wall-to-wall carpeting, measure the length and width of the room. For room-size carpets, allow an 8-inch margin between rug and wall in small rooms, 12-inch margin in large rooms. Allow 4 inches from the wall for kraft-fibre carpets because they may stretch.

To quickly estimate number of square yards of carpet you need, multiply width by length (in feet) and divide answer by 9. For example: 12x15=180 sq. ft.÷9=20 sq. yds.

▶ Ask about new fibers and constructions

Nylon, saran, cotton, and carpet rayon have been developed to give better service, but there is still no *perfect* rug fiber. Blends should contain at least 20 percent of a fiber to benefit from its strong points. Ask about all, decide which suits your needs best.

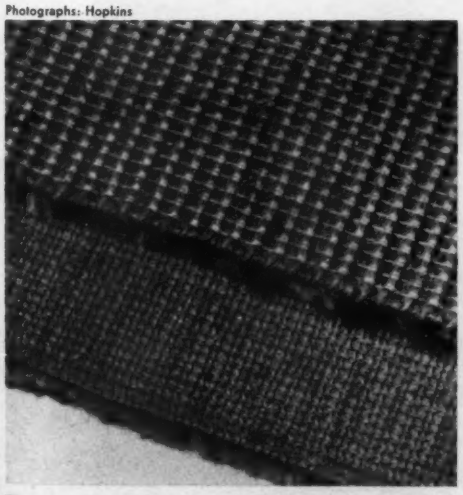
Tufting is a new carpet construction that can give you good quality for less.

▶ Look for new dyes and finishes

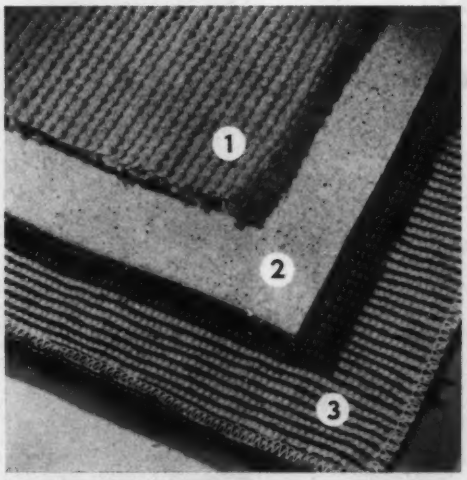
Solution-dyed rayons (similar to those in fade-resistant draperies) are used in heavier weights for carpets. You can even remove stubborn stains with household bleach without harming colors or pile.

Special finishes, put on at the factory, resist soil, moths, reduce static electricity. Kraft-fibre rugs get plastic coatings.

Photographs: Hopkins

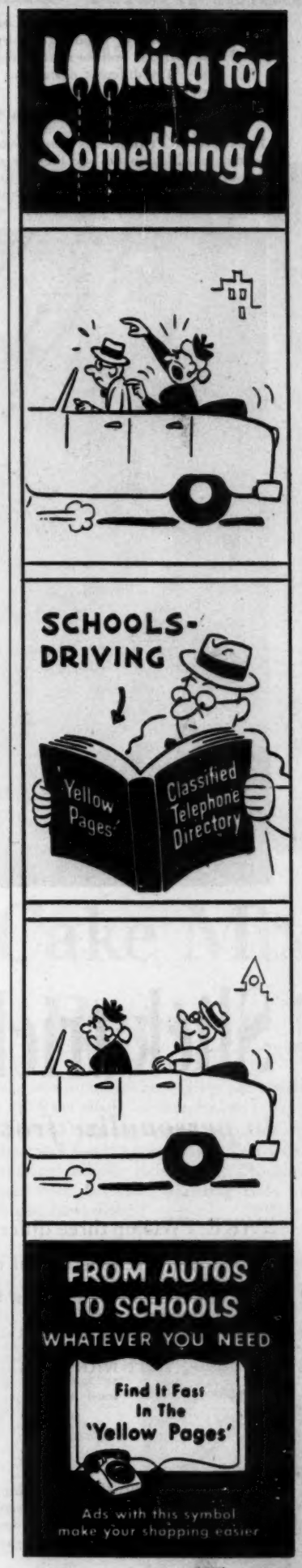


You can also tell closeness of pile by looking at the *back* of the carpet. In woven rugs such as Wiltons, velvets, and Axminsters, each row or ridge on the back corresponds to the rows of surface pile. It's easy to see that the rows on the top sample are spaced farther apart

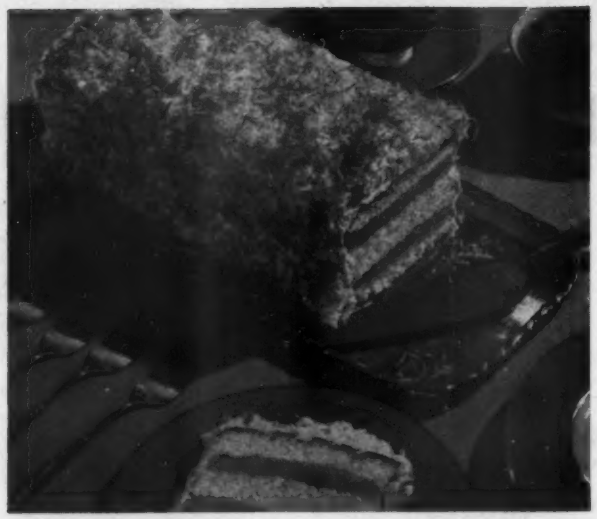


Looking at the backs of tufted rugs, you'll see either stitching or the backs of surface tufts, not necessarily in rows. Again, the closer the better. Sample 3 is better than 1. Sometimes a coating covers the carpet backing, hiding the carpet construction as it does in Sample 2

More on page 171



Cake 'n Ice-cream Loaf can be fixed way ahead of your party —whisk it out of the freezer just before serving time. Cake is frozen first for neat slicing, then assembled with ice-cream layers. Try different colors and flavors of ice cream to suit your taste



Easy Citrus Punch is as simple as opening three cans—frozen orange-juice, lemonade, and limeade concentrates. Just add the water, then ginger ale before serving to the crowd. For graduation or wedding reception, pretty up the punch bowl with an ice ring, twisted orange slices, sprigs of mint. Pass a plate of sandwiches

Photographs: Nelson, Photography, Inc.

Hurry-up Luncheon Waffles are hot and hearty. Just right to fix on a busy day. Cubes of ham and cut green beans (frozen, of course) in a smooth cheese sauce give bright color note. To serve, spoon sauce atop crispy waffles (your own or commercial—they come from the freezer, too)

By Mary Anne Frank

Slick tricks

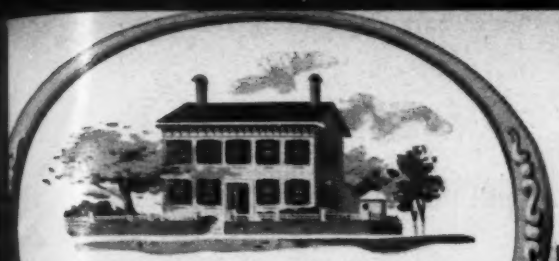
to personalize frozen foods

TAKE TWO or three different foods from the freezer instead of one—put 'em together, or add a flavor twist that's just right for you. Get off to a good start with ideas like these

Frosty Fruit Ambrosia—refreshing chunks of frozen pineapple flavor-blend with plump strawberry halves and slices of banana. (Or you can use maraschino cherry halves in place of strawberries if you wish.) This makes the gayest of springtime desserts

More on page 138

Imagine! You Can Make Yellow Cake Inspired by a Favorite Recipe of *Abraham Lincoln's Wife*



Here at the Abraham Lincoln Home in Springfield, Illinois, Mary Todd Lincoln made her delicious Yellow Cake. "Election Cake" she called it, and served it in celebration of Abe's victories at the polls.

Photographed in the original kitchen of the Abraham Lincoln Home in Springfield, Ill.

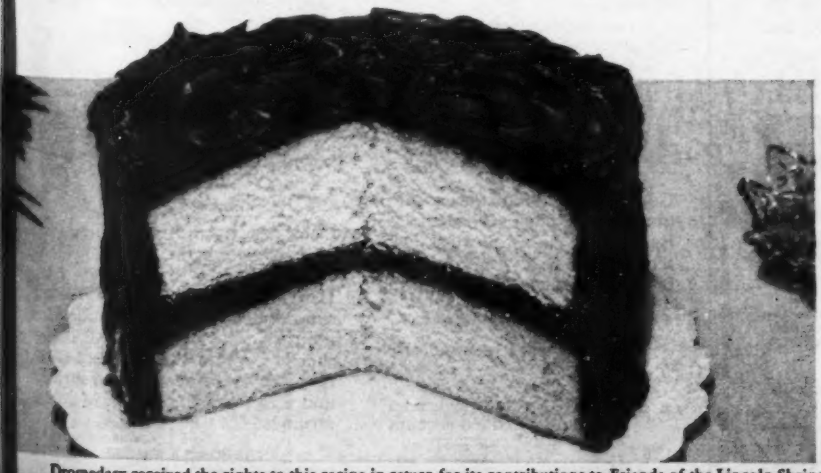
Now- Dromedary Yellow Cake Mix From A Treasured Historic Recipe !

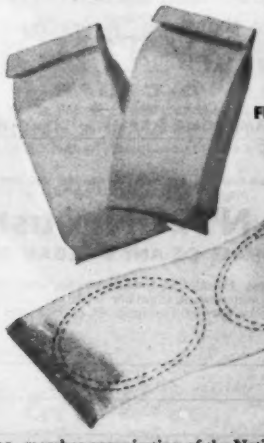
ke happy history at your table, tonight, with this toric cake—Dromedary Yellow Cake! You'll serve with the utmost pride—for it was inspired by a orite recipe of Mary Todd Lincoln that delighted sixteenth president.

This Yellow Cake is extraordinary. It's higher, ter, fluffier and buttery gold in color. Each luscious bite fairly bursts with rich, old-fashioned flavor.

Many wonderful surprises await you in every package of Dromedary Yellow Cake Mix. You find 2-in-1 packs—two glassine envelopes of mix—so you can bake a single layer or use both to make a big two-layer treat. Next you find free pan liners of specially treated paper to prevent sticking! Then you find Dromedary Yellow Cake Mix is pre-creamed—gives you a perfect cake with 150 fewer mixing strokes, far less work!

Imagine! In less time than it took you to read this you can make your family a home-baked Yellow Cake from a treasured historic recipe—with Dromedary Yellow Cake Mix. Exclusive Glittering Gold Foil keeps it mixing-bowl fresh!



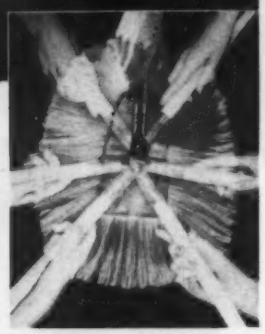


2-in-1 packs that let you bake all or half!

•

FREE Pan Liners mean no sticking! Pan stays clean!

Dromedary received the rights to this recipe in return for its contributions to Friends of the Lincoln Shrines, Inc., member organization of the National Trust for Historic Preservation.



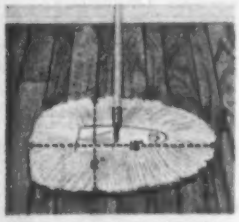
"Magic Action" Swivel Socket adjusts to ANY position with a flick of the wrist . . . takes the work out of dusting.

New O-Cedar NYLON Mop

goes *"Every-Which-Way"*

- *"Magne-Static" Action picks up and holds more dust*
- *Washes easily—dries quickly . . . like your nylon stockings*

"Magne-Static" Action of nylon yarn attracts dust like magic.



Just a twist of the handle adjusts pad to dust a 50% wider path.

Now you can easily pick up all the dust—instead of just "pushing it around"—with this beautiful O-Cedar "Every-Which-Way" Nylon Dust Mop. The big 100% virgin nylon pad attracts more dust . . . holds it until you shake it free . . . is removable for quick washing. Adjusts to *any* position at the slightest touch—twists in and out of hard-to-dust places . . . steers around chair and table legs . . . glides under low, heavy furniture. Choice of beautiful pink, blue or white nylon, $3.95. In white or turquoise cotton yarn, $2.79. Insist on the sensational new O-Cedar Nylon Dust Mop that goes "Every-Which-Way!"

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Tricks to personalize frozen foods

Begins on page 136

Speedy Shrimp Newburg stays at serving temperature in a chafing dish—ready to go over hot toast points for a luncheon main dish. Shrimp, condensed cream of shrimp soup, and peas—all frozen—are heated together. For salad, a bowl of tossed greens

Cake 'n Ice-cream Loaf

Ribbons of angel cake and your favorite ice creams—easy does it!

1 10x4x2-inch loaf angel cake
1 pint brick green mint ice cream
1 pint brick strawberry ice cream

• • •

1 tablespoon sugar
1 teaspoon vanilla
2 cups heavy cream, whipped
1 4-ounce can (1½ cups) moist shredded coconut, toasted

Rub brown crumbs off cake. Cut cake lengthwise in three even layers*. Cut ice-cream bricks in thirds lengthwise. Cover bottom cake layer with mint ice cream. Add second cake layer; cover with strawberry ice cream. Add last cake layer. Blend sugar and vanilla into whipped cream; spread over top and sides of loaf. Sprinkle with coconut. Place in freezer till whipped cream is firm. Serve immediately or wrap and store in freezer. Makes 8 to 10 servings.

*For easy slicing, freeze cake.

Easy Citrus Punch

Full of zippy fresh-fruit flavor—and vitamin C!

1 6-ounce can frozen orange-juice concentrate
1 6-ounce can frozen lemonade concentrate
1 6-ounce can frozen limeade concentrate
4 cups cold water
1 large bottle (3½ to 4 cups) ginger ale, chilled

Combine all ingredients except the ginger ale. Pour over ice block in bowl. Add ginger ale just before serving. Garnish with mint leaves, if desired. Makes 12 to 15 servings.

Frosty Fruit Ambrosia

1 14-ounce can frozen pineapple chunks
1 banana, sliced
1 cup halved fresh strawberries
½ cup moist shredded coconut

Partially thaw pineapple according to directions on can. Toss with remaining ingredients. Serve while pineapple is still frosty. Garnish with additional strawberries if desired. Makes 4 servings.

Hurry-up Luncheon Waffles

Ham and green beans make a so-good combination with cheese. Another time serve over fluffy rice—

1 8-ounce jar (1 cup) triple-use cheese spread
1 cup diced cooked or canned ham or luncheon meat
1 10-ounce package frozen cut green beans, cooked and drained

• • •

4 frozen waffles

Heat cheese spread in top of double boiler. Stir in ham and green beans; heat thoroughly. Heat waffles according to directions on package. To serve, spoon sauce over waffles. Makes 4 servings.

Speedy Shrimp Newburg

It takes just a few minutes! And delicious enough for company—

1 10-ounce package frozen peas

• • •

1 can frozen condensed cream of shrimp soup
½ cup milk
1 8-ounce package (1 cup) frozen cooked cleaned shrimp
1 to 2 tablespoons triple-use cheese spread
1 to 2 tablespoons cooking sherry

• • •

4 slices toast

Cook peas according to directions on package; drain. Combine soup and milk; add shrimp and peas. Heat and stir over low heat just till simmering. Cook slowly about 5 minutes. Add cheese and cooking sherry. Serve over hot toast. Garnish with additional cooked shrimp and water cress if desired. Makes 4 servings.

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DOUBLE the "BRIGHTENERS" of any other leading cleanser!

It's magic! Foams away stains the easiest, quickest way ever!
What a pleasure . . . what wonderful satisfaction to see how Bab-O's double "brighteners" quickly, magically give your sink a gleaming brightness never before possible. Stains are gone—so is the crusty grease in your roasting pan. Everything foams away instantly—no hard rubs. *You'll love Bab-O's clean, fresh fragrance, too!* Ease up! Speed up! Brighten up! Get new Instant Bab-O with bleach!

Guaranteed by Good Housekeeping

Let Bab-O's double "brighteners" do What your elbow used to do

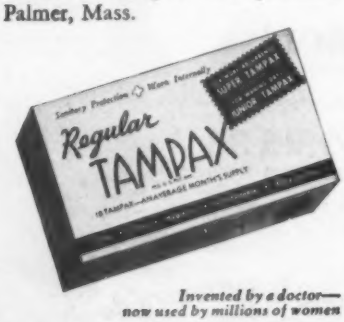
The lady isn't puzzled-

about which sanitary protection to use

Like so many of today's smart moderns, she long ago decided on Tampax. Internal sanitary protection offers so many benefits that its millions of devotees can scarcely understand anyone tolerating another kind.

Why, then, have you deferred the Tampax decision? Perhaps the answer is *that you haven't tried it.* You can read over and over again how comfortable and convenient it is—how it prevents odor—how easy it is to dispose of, applicator and all. But these are only words—the true test of Tampax is to *try it!* Only by trying it can you share in the wonderful sense of freedom Tampax gives you. Only by trying it can you discover the delightful differences that have made Tampax so accepted.

So please try Tampax. Find out once and for all what it's like to be without the confining belt-pin-pad harness at "those times." Choice of three absorbency sizes (Regular, Super, Junior) at drug or notion counters. Tampax Incorporated, Palmer, Mass.



Invented by a doctor—now used by millions of women

My strange world of Cerebral palsy

AT THE AGE of 23, Dr. Theodore A. Bretscher was unable to speak, read, or write. Although he was once almost committed to a home for the feeble-minded, he taught himself to read three languages, and later graduated from the University of Cincinnati with three degrees, including a doctor's degree in philosophy. This was accomplished without taking a single note—since he was unable to grasp a pencil, he had to rely on his memory only. A noted lecturer, writer, and teacher, he is now in charge of education at the school for Motor Rehabilitation of the Cerebral Palsied, in Pompano Beach, Florida.

Dr. Bretscher explains his conquest of a tragic handicap by referring to his warm, personal philosophy—a creed for living which can be applied to the able-bodied as well as the disabled. This is his story.

By Dr. Theodore A. Bretscher as told to Dan Paonessa

Our family doctor pronounced me dead when I was born. As he turned to save my mother he laid my breathless body on the floor. My grandmother grabbed me up and began bathing me in warm water. With the grace of God, I gave out a yell.

During my early years, my grandmother kept making a remark which puzzled and haunted me. She would glance in my direction and shake her head.

"It doesn't pay to interfere with God's plans," she would say sadly.

And there were many times during the 63 years since my difficult birth in Wausau, Wisconsin, when I wholeheartedly agreed with her. That day, when my grandmother brought me back from the dead, I had survived the cruelest blow nature can give man. I was born with cerebral palsy.

Most handicapped people look back to an unhappy, lonely childhood. But my early years were like one long birthday party. Although I was unable to talk, or feed myself, and spent my waking hours in a wheel chair, I had no idea there was anything really wrong with me. Nothing was known of cerebral palsy in those days, and my parents tried to ease their shame of having this shaking, slobbering child—who was most certainly an idiot—by pretending my affliction simply didn't exist.

Perhaps because of this feeling of guilt, my mother and father indulged my every whim. I was pampered and spoiled; I believed I was some great and privileged person. But the long birthday party of privilege and pampering abruptly turned into a nightmare when I was 12 years old.

It was shortly after I learned to climb out of my wheel chair and walk. For the first time in my life I was able to move about unaided, and as I shuffled across those few feet of the parlor I felt as if I possessed seven league boots. It seemed that the whole world had changed.

For a while my mother and father, too, thought my world had changed. The following week they took me to see a new doctor in town, suddenly hopeful that perhaps I could be cured. The doctor, as the examination continued poked and prodded me with cold, shiny instruments, I began to feel frightened, and my arms and legs shook uncontrollably.

"There's nothing I can do," the doctor said, flatly. "I don't think he'll ever be able to talk or stop that shaking. He's hopeless."

Hopeless? I stood before my parents and the doctor, a shivering naked child, and the sudden awareness that I was not a privileged being, but instead a crippled boy, filled me with humiliation. No one had prepared me for this terrible shock of reality. After that I stayed indoors. I began to despise myself; and alone in my room I would stand before the mirror and leer at the hated image. I didn't think there was another soul in the world like the shaking, scowling boy in the mirror.

That year my mother was stricken with a cerebral hemorrhage and died within two days. Part of my father's grief was a bewilderment of what to do with his helpless son.

"The only merciful thing to do," I overheard him whispering to my grandmother, "is to have him committed to a home." [*Turn to page 142*

MODERN HIDE-A-BED sofa in black and white metallic tweed. Also turquoise, beige, pink, green. Full size shown, $299.50. Apt. size, $289.50.

LAWSON HIDE-A-BED sofa in turquoise metallic. Also dark green, persimmon, beige, sage green. Full size shown, $259.50. Apt. size, $249.50.

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The little diagram below shows you the difference between a Hide-A-Bed sofa and an ordinary sofa-bed.

On a Hide-A-Bed sofa, you sit in luxury...you lean back...you *relax.*

A soft undercushion cradles your knees. The seating height is just right. And a new pitch to the back lets you relax in solid comfort.

At your favorite store there is a choice of more than thirty styles and sizes in hundreds of decorator fabrics. Each offers sturdy Simmons construction... with easy-opening mechanism... and long-lasting steel frame.

You also get a genuine Simmons mattress . . . full-length, full-width, luxuriously thick innerspring. Even a famous *Beautyrest** if you choose for $20 more.

Remember: If it's a Hide-A-Bed sofa, it's *got* to be by Simmons, because no other sofa can bear this name.

HIDE-A-BED SOFA in gay Provincial print. Quilted effect in cocoa brown. Also in forest green, gray, gold. Full size shown, $299.50. Apartment size, $289.50.

*Trade-mark Reg. U. S. Patent Office, Copr. 1956 by Simmons Co., Mdse. Mart, Chicago, Ill.

Prices for other Simmons convertibles begin as low as $169.50. Convenient terms are usually available.

My strange world of cerebral palsy

Begins on page 140

I crept up to my room feeling frightened and alone. I know now that my father had believed—as many still do of the cerebral-palsied—that because of my exaggerated actions and grimaces I was mentally deficient. But that night there was no one to tell me that my birth injury hadn't left me feeble-minded. I didn't learn until much later that my grandmother had talked him out of committing me.

Two years later, when I was 14, my father remarried, and I was sent from relative to relative to live. Long before, everyone had agreed that I didn't have enough mentality to go to school, and now it was decided that a boy my age should get out and earn a living. I rang doorbells and sold newspapers, using a printed letter of introduction explaining I couldn't talk.

One day, when I was living in Cincinnati, I walked into a library. That was a day when I had had more doors slammed in my face than I could count, and a group of roughnecks, thinking I was a drunkard because of my shuffling walk, had followed me around laughing and jeering. The library was a refuge, a place to hide. It was there that I began to find myself.

Every day I returned to the warm friendliness of the library. Slowly, and always with a dictionary by my side, I began to pick out the letters in the books. And in the years that followed, with the help of the kind librarian I taught myself to read, first English, then German and Latin. It was during that time I first realized that I wasn't completely crippled. Although my body continued to shake and misbehave, the miracle that mankind calls the intellect was intact.

The librarian got me into night sessions at the University of Cincinnati as a listener, and 3 years later I took my high-school Regents' and was allowed to enroll as a regular student.

The first lecture at the University was a nightmare. I sat in silence, my hands clasped between my knees to keep from shaking, terrified that anyone might look at me. Nearby, a blind student took notes in braille. He said something to me, but I could hear only my own gasping breath as I tried to control my arms and legs. After the lecture I waited until everyone had left the building before I dared to move. When I reached the sidewalk, I sighed with relief. I was alone again. But just when I thought I had control of myself, I heard footsteps behind me.

"Hello, partner," a friendly voice said. "Didn't you sit near me in class today?"

Frightened, I started to move away when the student took me by the arm. It was the blind boy.

"I'll lead you and you lead me," he said, smiling. "Just like Aesop's fable."

This was the beginning of my first close friendship, and one which lasted many years. At first it seemed inconceivable that I had a friend—a bright, sophisticated student who actually liked *me*. I was able to relax in his company, for I knew he couldn't stare with curiosity at my shaking arms.

But I continued to sit in silence in the classrooms. Then, after the first year, in the midst of a discussion an instructor singled me out.

"What can you add to this, Bretscher?" he asked, in a matter-of-fact voice.

I was so surprised, I blurted out an answer. What a wonderful feeling, I thought, to be treated like any normal student! I started to join in the discussions, and slowly began to feel that I belonged to the outside world.

I'm still unable to successfully wield a pencil, and at the University I was given oral examinations. As I worked toward a Ph.D. I had to search my memory for the information other students were able to put on paper. The instructors seemed to regard this as a sort of parlor trick.

"How on earth could you organize this material without ever taking a note?" one instructor asked me, after an examination.

It was no trick, but I couldn't tell him how I was able to do it; I didn't know myself. I was so starved for knowledge that my mind seemed to sponge up and retain everything I had heard. Every bit of information was so fresh and wonderful to me that I couldn't seem to forget it.

In my hunger for learning, I began to forget the terror and bitterness that had always been with me. As I lost myself in my studies I began to lose the jiggling, distorted half-world of the cerebral-palsied. I stopped trembling, and I spoke more clearly as I began to forget my crippled body.

My world is like living behind the looking glass, where everything is reversed. If I'm told to relax, I become aware of my movements and get tense. If I try to steady my walk, I'll trip and fall. If I think about my speech, I can't talk at all. I'm like the puzzled centipede in the childhood jingle:

A centipede was happy quite,
until a frog in fun
Said, "Which leg, pray, comes
after which?"
This raised her mind to such a
pitch,
She lay distracted in a ditch
Considering how to run.

While a normal person is not conscious of his movements and muscle sense—since they are large-

make every meal
a special occasion with

FRANCISCAN WARE

this is OASIS *in famous Franciscan Ware. Oven-safe. Dishwasher-safe. Reflecting the blues of an inland sea against a white sand background... on the compelling, contemporary shapes of America's best-known dinnerware.*

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LOS ANGELES

ly automatic—a cerebral-palsy victim is acutely aware of each motion of his body. He actually *feels* muscular sensation—which a normal person does not—and this often makes him incapable of normal motion.

When you pick up a glass, for instance, you are interested in drinking whatever the glass contains. But I'm concerned only with the act of picking it up. And if I try consciously to be calm, I can't even get my arm near the glass.

Once, as a graduate student, I was invited to a dinner party by a group of distinguished people, who were slowly impressing me into a state of jitters. All went well until I was offered a cocktail by my host. I shook my head. The glass terrified me.

"A drink won't hurt you," he insisted, holding it in front of me. "You're all right. Take it." And then he added the word I'll always hate. "*Relax*," he said.

As I reached for the glass, trying desperately to control my movements, it seemed as if everyone in the room were staring at me. The nearer I got to the glass, the more afraid I was to touch it—as if there was something inside my arm that twitched and pulled my muscles whenever I tried to move.

Perspiration stood out on my forehead from the physical exertion of steadying myself. Suddenly, the arm—it didn't even seem to belong to me—shot out and swept the cocktail to the floor. There was a burst of forced conversation as everyone tried to pretend I wasn't there.

If they joked about it I wouldn't have felt so terrible. By the time I sat down to dinner I was jiggling like a puppet on a string. To climax a horrible evening, my arm went wild once again as I reached for the fork, and completely flipped the plate of food onto my lap.

Slowly I began to understand my distorted, mirrored world. A few months after the disastrous dinner party, I was dining with a girl friend in a Cincinnati restaurant. The romance was rocky, and soon we were arguing.

Suddenly she broke off and pointed at the table. "Look what you've just done!" she exclaimed.

I glanced down. Distracted, in the heat of the argument, I had calmly lifted my cup of coffee and drained it, without spilling a drop—the first time in my life the arm had made a steady movement!

Usually a cerebral-palsy victim will improve with age, and the passing years *did* help me. But it was the ability to get away from my affliction which enabled me to stand on my own two feet, and walk and talk in a comparatively calm, normal fashion.

An approach to cerebral palsy, I learned, must go beyond the educators who put a limit on its victims' mentality. Exercising to train still undamaged nerves, and cutting certain taut muscles often helps to some extent. But our greatest need is emotional and psychological development, and particularly the realistic recognition of our physical limitations.

After I had received my Ph.D. I traveled to a large medical center in New York, my heart high with an expectation of a cure. There was talk of great discoveries in the treatment of cerebral palsy, of miraculous operations and wondrous drugs. But after several painful weeks of treatment I came to the bitter conclusion that an approach to this condition must also go beyond those doctors who offer pills to cure something that cannot yet be cured.

But it could be conquered, I learned, by losing oneself in the wonderful world that surrounds us. And this is what I teach my students, by developing their senses and making them acutely aware of colors, sounds, smells, touch. They are aware of everything—the number of steps to the schoolhouse, the color of a rain-washed sky, the rustle of a falling leaf.

Since many of my students cannot talk, let alone write or walk, the first problem is learning—and then developing—their special interests. One pupil was a young girl who was listless and indifferent to every subject, until the day I spoke on geography. As I talked, the girl's dull eyes started to sparkle with interest.

"What's the name of this country?" I asked suddenly, indicating one continent.

"I know!" the girl exclaimed. "That's South America!"

It was the first time I had ever heard the girl speak clearly. But I had found something outside herself that had interested her. She forgot she couldn't talk—and talked.

Conquest of a handicap through self-forgetfulness is something that must be continually worked on. Even today, the minute I think of myself I get tense and can't talk.

Some years ago I accepted an invitation to lecture to a graduate class at Columbia University. I had never lectured before, and that night as I prepared my notes the anticipation of talking to 80 students began to panic me.

Next morning I telephoned the professor to say that I had developed a desperate illness and couldn't stir out of the house. But she had left town. I couldn't back out.

The terror grew until I wasn't even sure I would be able to talk. And the more I thought of myself the more difficulty I had in walking. On the way to the University I stumbled and fell into the gutter, where I lay like that distracted centipede in the jingle, until a cab driver came along and took me to the campus. My clothes were muddy and disheveled, and as I tried to brush off the dirt, frantically searching for some way to escape this nightmare, a student popped his head out of the building.

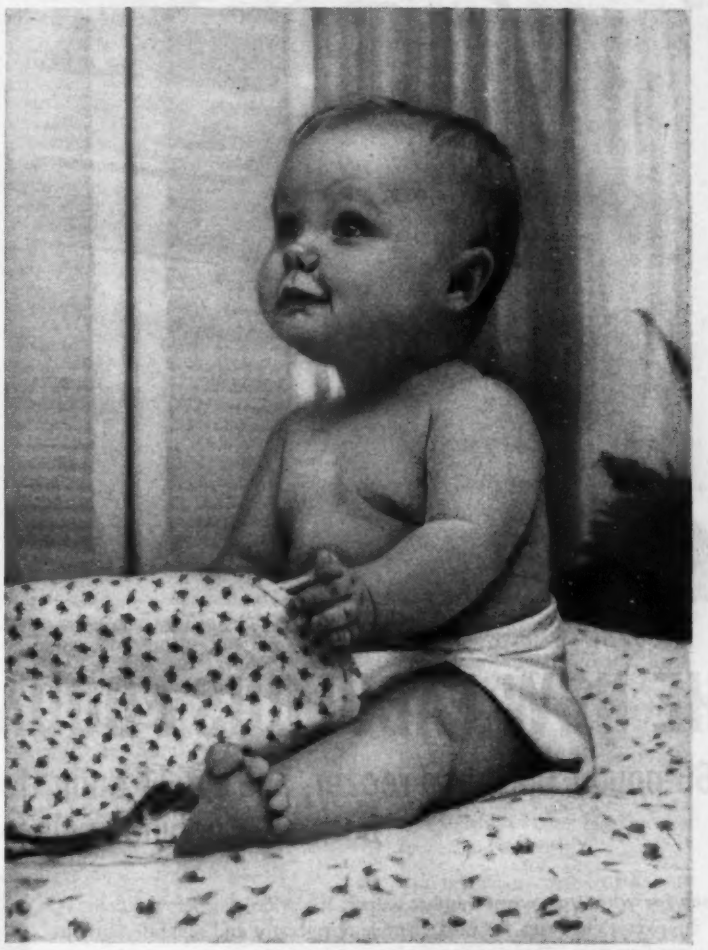
"Heck, you're all right," he grinned. "Come on in. We're waiting for you."

I stood before the class, and to my horror my head began to shake, and I had to grip the back of the chair to keep from falling. Desperately, I asked a student to

[*Turn to page 145*

The difference between this...

and this...



is often this..

Chafe-Guard your baby...

with the only powder containing a special ingredient that *neutralizes* the irritants in body moisture.

Safe-Guard your baby...

with the finest, *purest* baby oil there is, specially blended with wonderfully soothing lanolin.

See it now in your choice of 8 decorator colors!

Bermuda Pink · Spring Green · Surf Turquoise · Dawn Gray · Sand Beige · Butterscotch Yellow · Harvest Yellow · Lagoon Blue and Classic White—of course

Here it is, the world's greatest foodkeeper. Only the Fabulous Foodarama by Kelvinator puts such a panorama of foods at your fingertips.

THE NEW FABULOUS FOODARAMA BY KELVINATOR

166-pound Upright Freezer, and an 11 cubic foot Automatic Defrosting Refrigerator both in a cabinet only 47 inches wide!

Just reach for what you want—and there it is. Everything's up forward, right at your fingertips. There's absolutely nothing else like Fabulous Foodarama by Kelvinator. No matter what the size of your family, your kitchen, your budget, see this fabulous foodkeeper. It's priced far below a comparable refrigerator and separate upright freezer. It is also now available as a built-in. See it only at your Kelvinator Dealer, or write Kelvinator, Detroit 32, Mich. In Canada: Kelvinator of Canada, Ltd., Toronto 15, Ontario.

Only KELVINATOR gives you this frozen juice dispenser. Holds 21 cans.

Only KELVINATOR has an *unrefrigerated* Banana Bin; a freezer wrap dispenser.

Only KELVINATOR has a roll-out fruit basket...Twin Moisture Seal Crispers.

Only KELVINATOR gives you this Breakfast Bar for bacon, eggs, juices.

You'll find much of the magic—and many of the features—of Fabulous Foodarama in every new 1956 Kelvinator refrigerator . . . in a full range of sizes and prices.

Space Savers! Foodarama is only 47 inches wide, this superb range only 30 inches wide. Together, they take about the same wall space you now use for your range and refrigerator, and you get the added convenience of a complete upright home freezer. Kelvinator ranges, in both 30-inch and 40-inch models, give you disposable aluminum oven linings that end the messy job of oven cleaning!

Kelvinator

AMERICAN MOTORS MEANS MORE FOR AMERICANS

My strange world of cerebral palsy

Continued from page 143

come up to the blackboard and take down a few notes.

As I began to dictate, I started to calm down. My speech became clearer as I lost myself in my subject. When I glanced at the clock, later, the 2-hour period had gone by and I found I had lectured 10 minutes overtime! But the class, apparently as interested as I, didn't seem to mind.

There is probably no handicapped person harder for the able-bodied to understand that the cerebral-palsied, particularly those victims with good mentality and severe physical handicap.

It is simple to walk across a 6-inch-wide plank placed on the living-room floor. But imagine your terror in having to walk across the plank stretched between two buildings 10 stories high. People like myself forever walk that hypothetical plank, and the only way we can cross it is by forgetting our affliction and what we are trying to do. And when a well-meaning person draws our attention back to our handicap by telling us to "relax and take it easy," we must shut our ears to this advice.

Don't think that self-forgetfulness is all there is to it. We have to accept a true perspective of our condition and possibilities, and develop the courage to compete, the best we know how, with the normal world. We must continue to learn, and be conscious of how much there is about ourselves, the world, and the universe which we do not know. No platitudes of hope and faith from our friends can cure us. We must have faith only in our own intellect, and the act of simply *living* in this miraculous world of ours. This has been the core of my philosophy; and once this is accepted, the iron curtain of our strange world lifts.

There are nearly 600,000 people like myself in the United States, and 10,000 more born every year. Although cerebral palsy occurs most frequently at birth, not many people realize it may happen any time, to anyone, as the result of an accident, illness, or infection. Victims of this disorder are often handicapped in many different ways. Some are as much as 80 or 70 percent deaf, in addition to their neuromuscular affliction. Despite the severity of this handicap, we ask only to be understood.

The next time you see a person staggering down the street, don't jump to conclusions. The "alcoholic" may be a courageous victim of cerebral palsy making his way in the world as best he can. If you notice someone grimace frightfully in an effort to speak, don't conclude that he is an idiot. Despite appearances, the man may be extremely intelligent and capable. Your awareness of that—and of what you have learned in this article—will telegraph itself to him. That kind of help will be appreciated by him—though he may be unable to express his thanks.

Virginia—for history, or just for fun

Begins on page 80

scenery. A short side trip to Luray Caverns, probably America's most colorful subterranean wonderland, affords a refreshing change of pace. Virginia Beach, with its fine boardwalk, is one of the East Coast's best seaside resorts, and nearby Seashore State Park is in part a semi-tropical forest with shady cypress pools, live oaks overhung with Spanish moss, and with bald eagles and ospreys nesting in its tall pines and feeding along its dune-lined shores.

Your family's Virginia vacation can be accomplished by averaging just 128 miles of driving during each day for one week. This easy, flexible schedule affords ample time for sight-seeing, hiking or horseback riding in the mountains, and swimming at the beach. Also, several additional days may be profitably spent seeing Washington, D. C. The average family of four can complete the Virginia circle tour at a cost of about $270.

First day: Arlington, Alexandria, and environs. (28 miles)

There's much for you to see within a fairly small area today. Stop first at the administrative office in Arlington National Cemetery where an attendant will provide you with a printed map and help you to locate the graves of many famous Americans.

From Arlington National Cemetery, follow Mount Vernon Memorial Highway southward along the Potomac to the lovely plantation home of George and Martha Washington.

Returning from Mount Vernon, stop in Alexandria, founded in 1749, and an important colonial seaport and center of business and social activity.

Washington National Airport, located just off Mount Vernon Memorial Highway, is a veritable beehive of commercial aviation, and is particularly impressive when viewed at night from the observation deck of its passenger terminal.

Second day: Alexandria, Shenandoah National Park, Virginia. (199 miles)

Your route today follows U. S. 50-211 southwest from Washington past the new Marine Corps Memorial and along the route of the Union Army prior to the first great battle of the Civil War. Known today as the Lee Highway, it leads through Fairfax where a stop at the clerk's office in the old, vine-covered county courthouse will enable you to see the original wills of George and Martha Washington.

Four and a half miles west of Centerville you'll see, on your right, the Old Stone Bridge across Bull Run Creek which figured prominently in both Battles of Manassas. State 234, a mile beyond the bridge, leads left one mile to Manassas National Battlefield Park where you'll visit the splendid museum and follow informative, self-guided tours over the battlefield. With the aid of an elaborate electrical map, Superintendent Jim Myers and his staff present a vivid portrayal of the furious action which took place here when the South's General Thomas Jonathan Jackson won his immortal name, "Stonewall."

The Lee Highway, lined with antique stone and rail fences, leads you westward through Warrenton, beyond which the lofty purple peaks of the Blue Ridge Mountains dominate the horizon. Turn right 20 miles beyond Warrenton to follow U. S. 522 northward to Front Royal, gateway to Shenandoah National Park. At Dickey Ridge Overlook on the Skyline Drive, 2½ miles inside the park, you'll enjoy your first bird's-eye view of the fertile Shenandoah Valley, "Breadbasket of the Confederacy." From this point on, scenic vistas of the valley to the west and of the Piedmont Plateau to the east become more and more spectacular as the broad, flower-bordered Skyline Drive climbs gradually higher.

[*Turn to page 147*

Give us five weeks

If you're moving, you'll find *Better Homes & Gardens* more useful than ever. So let us know at least five weeks ahead of time what your new address will be. We'll see that *Better Homes & Gardens* is there right on time to help you solve the many problems that go with settling in a new home.

When you write, send along an address label clipped from the cover of one of your recent copies. With it we can give you faster, more efficient service.

Send your address change to *Better Homes & Gardens*, Des Moines 3, Iowa.

PETER PUTTER'S

ON HOME REPAIR

Q What should I use to remove old paint finishes from furniture and woodwork?

A Use **SCHALK'S X-IT PAINT REMOVER.** It removes all types of finishes quickly and completely—usually with only one application. Stays wet; digs deep. Contains no benzol, acid or caustic; hence harmless to skin, clothing, brush bristles.

Q How can I repair gouges and cracks in my furniture and woodwork before refinishing?

A Use **SCHALK'S WOOD PUTTY.** Mix it as you need it. Allow an hour to dry. Then you can sand it, plane it, paint it, stain it. Contains real wood; won't shrink.

Q Why don't my floors sparkle?

A When built-up layers of wax are allowed to remain on a floor, the new wax surely won't shine. **SCHALK'S LIQUID WAXOFF** is specifically designed for these hard-to-do floor jobs, and for removal of self-polishing type waxes. Yet it is non-inflammable, non-toxic; and so mild it can be used on any floor surface.

Q Can hardened latex be removed from a paint brush?

A You bet it can—with **SCHALK'S LIQUID SAVABRUSH.** Cleans any kind of paint from any kind of brush; yet harmless to natural, nylon, synthetic bristle. And with less than 1% evaporation it can be used over and over.

Q How should I patch cracks in my plaster walls?

A Use **SCHALK'S PATCH PASTE.** Clean crack thoroughly; apply with clean putty knife; smooth it out. You're all set to paint!

FREE: 11 folders on the care and repair of your home. You will find these and other Schalk Products recommended by Peter Putter at paint, hardware and department stores everywhere. Would you like a set of 11 folders on the care and repair of your home? This coupon brings them free. Address: Peter Putter, Schalk Chemical Company, 351 East Second St., (Dept. B5) Los Angeles 12.

NAME

STREET

CITY STATE

Butterflies and Morning Glories

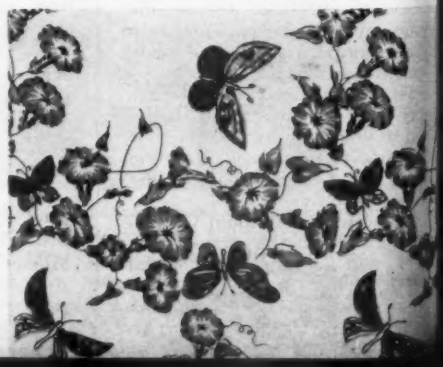
*Trade-mark. Pat. applied for

Photographed: *Print quilted coverlet, $12.95; solid color Dec O Ruffle,* $6.95; cafe curtains, $3.95 pair; draperies, $6.95 pair; double-bed headboard with chintz slipcover, $36.45; scatter pillows $1.98. (These prices at Sears U.S. retail stores—slightly higher at Simpsons-Sears Ltd., Canada.) Same print in similar styles available in Sears Big Spring General Catalog. See fabric swatches at any Sears Catalog Sales Office.*

Print shown 1/9 actual size

Sears brings you something excitingly new and different in ready-made Harmony House bedroom accessories. Lustrous, washable Everglaze chintz in an exclusive Butterfly and Morning Glory print to mix or match with six coordinated solid colors in a brand new way. You choose your own ensemble from coverlets, dust ruffles, bedspreads in full or twin sizes; cafe curtains, draperies, valances, pillows, yard goods in print or solid colors. And you can *change* your color scheme as often as you like . . . for Dec O Ruffle* dust ruffles button on, and cafe curtains have interchangeable buttons and loops.

And that's not all! For the first time anywhere, Sears offers padded headboards with ready-made slipcovers. They look like custom-mades. But the prices are down-to-earth . . . like everything else in this handsomely detailed, quality-made series of go-togethers. See them all now . . . at Sears stores.



Mix or match any of these 6 coordinated colors with the print:

SPRING VIOLET | FROSTY PINK | BRONZE GREEN | FEDERAL GOLD | MING BLUE | APRICOT

Virginia—for history or just for fun

Continued from page 145

From Panorama, where the drive intersects U. S. 211, it's just 9 miles to the fabulous Caverns of Luray. Beyond Panorama the drive leads to Skyland (10 miles) and Big Meadows (20 miles), both affording comfortable overnight accommodations. Saddle horses are also available at Skyland, while at Big Meadows you'll find an excellent picnic area together with elaborate tent and trailer camp sites.

Third day: Shenandoah National Park, Charlottesville, and Lexington, Virginia. (149 miles)

Skyland (elev. 3,680 feet) is the highest spot on the Skyline Drive, and Big Meadows marks the halfway point.

At Rockfish Gap turn left on U. S. 250 to Charlottesville. Here you'll drive through the shaded campus of the University of Virginia and frequently see sections of its famous red-brick, serpentine wall, begun by Thomas Jefferson when he founded the University in 1817. Woodrow Wilson and Edgar Allan Poe attended classes here, and Poe's room in the West Range is open to visitors.

By following the marked route to Monticello you'll pass Michie Tavern (1735), the boyhood home of Patrick Henry.

Beautifully designed, 35-room Monticello was Thomas Jefferson's home for 56 years, and your visit here will quickly impress you with the true genius of its owner.

Two miles beyond Monticello is Ash Lawn (1799), home of James Monroe, and famous for its fine boxwood hedges.

From Charlottesville, return via U. S. 250 to Staunton, birthplace of Woodrow Wilson, and turn left on U. S. 11 to Lexington. This "Shrine of the South" was the home of the Confederacy's two greatest heroes, Robert E. Lee and Thomas J. (Stonewall) Jackson. Driving into town you'll see, on your right, the campus of Virginia Military Institute (West Point of the South) whose teen-aged cadets were credited with winning the Battle of New Market for the Confederacy in 1864.

A right turn from U. S. 11 onto Jefferson Street will lead you to the campus of Washington and Lee University, endowed by George Washington in 1782. Robert E. Lee became its president immediately after the War Between the States, serving in that capacity until his death 5 years later. The general and members of his family are buried in Lee Memorial Chapel, where Valentine's statue of Lee and an extensive Civil War museum are of particular interest.

Fourth day: Lexington, Appomattox, Petersburg, and Norfolk, Virginia. (232 miles)

From Lexington follow U. S. 60 east, and turn right at the junction with State 26 leading south to Appomattox. From the village you'll angle 3 miles northeast again on State 24 to Appomattox Court House National Historical Monument.

At Appomattox Village rejoin U. S. 460 and follow that highway to Petersburg. Trench warfare in America reached its peak here during a 10-month siege which led to the fall of the Confederate capital in 1856.

When you've completed your tour of the museum and battlefield area follow U. S. 460-58 southwest to Portsmouth, Virginia Beach, and Norfolk. The waters off Norfolk were the scene of the historic Monitor-Merrimac engagement, the first battle of ironclad vessels, on March 9, 1862. The world's largest naval base and extensive shipbuilding operations are located here and in the Newport News vicinity.

Virginia Beach offers visitors its 2-mile concrete promenade, with fishing, swimming, picnicking, horseback riding, sailing, and golf. Overnight camping facilities and trailer sites are available at Seashore State Park.

Fifth day: Newport News, Yorktown, and Williamsburg, Virginia. (49 miles)

During your ferry trip across Hampton Roads from Norfolk to Old Point Comfort you'll see several types of our biggest warships riding at anchor or moving about the harbor. Be sure to visit the museum at Fort Monroe where you drive ashore.

Leaving Fort Monroe bear right on U. S. 258 for about 5 miles to the junction with U. S. 60. A right turn here will lead you to the new Confederate War Memorial Museum and the Mariners' Museum, both exceptionally interesting to families.

Yorktown Battlefield, via U. S. 17, is your next stop. Here the park service information center and a self-guided tour among the fortifications and emplaced artillery tell the story of the siege of 1781.

From Yorktown follow the scenic Colonial Parkway westward along the York River to Williamsburg. This quaint old town, for 80 years the capital of Virginia, has been painstakingly restored to its Eighteenth Century appearance. Its old shops, public buildings. Colonial homes and gardens take the visitor back 200 years and provide a unique experience for adults and children alike. Paul Green's symphonic historical drama of the Revolutionary period, "The Common

[*Turn to page 151*

Sears day and night *Bedroom Ensembles*

†Reg. T. M. for DuPont acrylic fiber

Now . . . your bedroom can look as lovely by night as it does by day! Sears exclusive Butterfly and Morning Glory print is repeated on cloud-soft summer blankets in a wonderful Orlon† and rayon blend or fleecy cotton—both bound in nylon taffeta. It's picked up again in the borders of fine percale sheets and pillow cases in white or pastels. Here's high fashion at Sears low prices . . . come see at your nearby Sears store!

First and only at

Sears Roebuck and Co.

Photographed: *Print "Summerlite" Blanket in Orlon and rayon blend, $6.98. (In fine cotton, $4.49.) Print bordered sheets, twin-bed size, $3.39, double-bed size, $3.89; matching pillow cases, 98¢.*

Buy now on Sears Easy Payment Plan

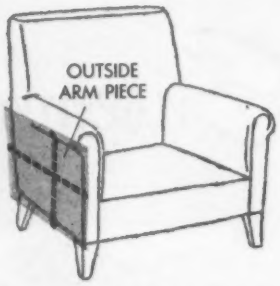
Satisfaction guaranteed or your money back

A new and simple way to slipcover

Finished slipcover has look you want. Sleek, almost upholstered

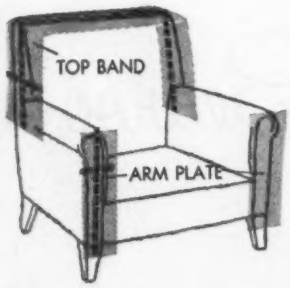
Finish as you go! Better Homes & Gardens has developed—and tested—this timesaving way to cut, fit, sew. Here are complete directions. Try them

Cutting guide shows pieces, amount of fabric, how to cut it



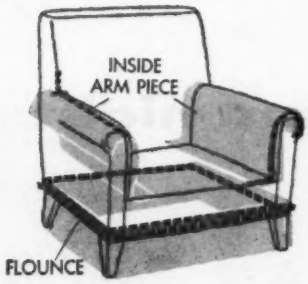
The magic is in the measuring. So measure carefully length and width of each chair part to be cut as separate (named) piece.

Here you see how to measure outside arm pieces. Only tricky part: widest section may be top.



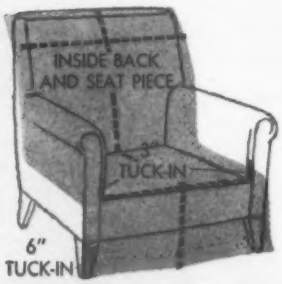
Top band width is thickness of chair. It starts at seam where arm joins the chair—is a continuous piece with no seams.

Arm plate is easy to measure. As with all pieces, add 1-inch seam allowance on each side.



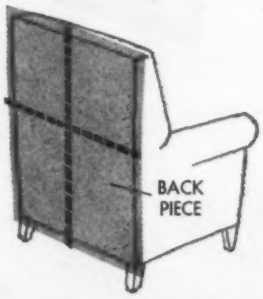
Inside arm pieces start at outside arm curve, go down to inside seat. Width is figured from front arm to back piece.

Flounce is 1½ times distance around chair; 2 times wider than finished 7-inch flounce.



Inside back and seat area, from top band to bottom of chair platform, is one big rectangle.

Add 3 inches on both sides for tuck-in; 6 inches to length for tuck-in for seat-back crevice.



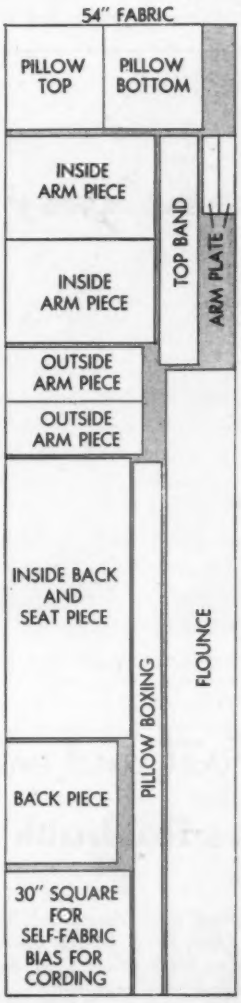
Back piece is a simple rectangle. Don't forget to measure the chair pillow and boxing (see page 212).

Cut slipcover pieces to follow *main* lines of chair. Don't try to put in all cording in upholstery.

Chairs will differ so use your own chair measurements to see how much fabric you need; what order to chalk out pieces.

1. Cut a paper block to scale (1 inch=1 foot) for each piece.
2. Write name and *actual* length and width of piece on block; add allowance for seaming, tuck-in.
3. Juggle blocks between lines to represent fabric. Draw to scale (1 inch=1 foot), 54 inches apart.
4. Run lengthwise measurement of pieces crosswise of fabric. Run flounce, pillow boxing, top band lengthwise. Plan 30-inch square for cording. Use space wisely.

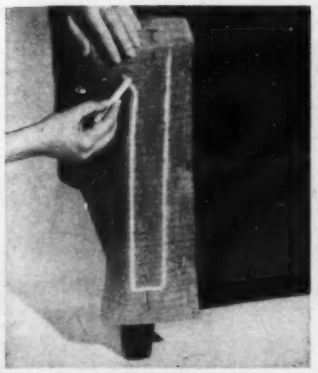
Total the length for fabric amount. Use guide to chalk rectangular shapes directly on fabric.



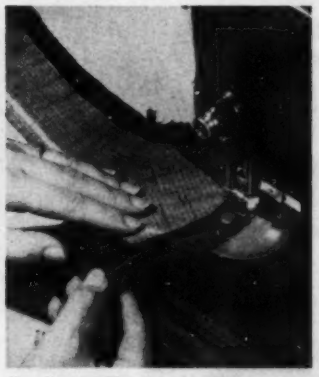
For pillow cutting and making, see page 212

See-as-you-sew *slipcovers feature these new short cuts*

Photographs: Hopkins



Cut only once from rectangular pieces. Fit and chalk pieces directly on the chair. It's accurate and easy



Cord small pieces. You attach them later to larger units. Easy-to-handle pieces make for a better job

Fit right sides out. All pieces are pin-fitted with right side of the fabric out. Done directly on your chair

Top stitch seams. Corded seams are top-stitched. You see as you sew. No guesswork and no tent of fabric

By Dorothy O'Donnell

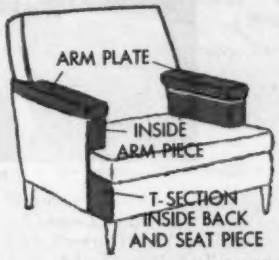
HAVE YOU HESITATED to make much-needed slipcovers because "the house will be in a mess for weeks?" You can start slipcovering right now. *Better Homes & Gardens* method shows how you can make separate units in small stretches of sewing time. Here are secrets of well-tailored slipcovers.

Fabric is always worked on with threads running perfectly straight. Notice on Cutting Guide, left, all pieces are absolutely parallel to edges of fabric. *Chalk* and *cut* on straight; *pin* and *fit* on on the straight; *sew* on straight of the fabric. Choose firmly woven fabric to work on. Solid-colored or textured fabric is good to start on—there's no pattern to match.

Use the right equipment in the right way: use heavy-duty thread to match fabric color, use T-pins and pin at right angles, use double-edged cording foot to sew and top stitch cording. Use white blackboard chalk. It brushes out easily.

More ideas and step by step, see page 198

How to adapt *finish-as-you-go way to your chair. Study types below. Pieces in red vary from chair used in step-by-step directions*

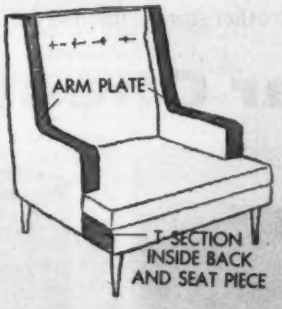


Arm plate is at top and sides of arm. Cord it. Inside arm piece continues around arm front. Cord outside arm piece at front edge. Top stitch over inside arm piece.

Allow for (or piece) T-section width on inside back—seat piece.

Pillow-back chair has no arm plate. Inside arm piece comes over top of arm and around front to meet corded outside arm piece. Top stitch. Do pillows separately.

There's no top band; cord back piece, top stitch to inside pieces.



Contemporary wing chair has arm plate from top of wing to chair front. It's a single piece. Cord and top stitch to arm pieces.

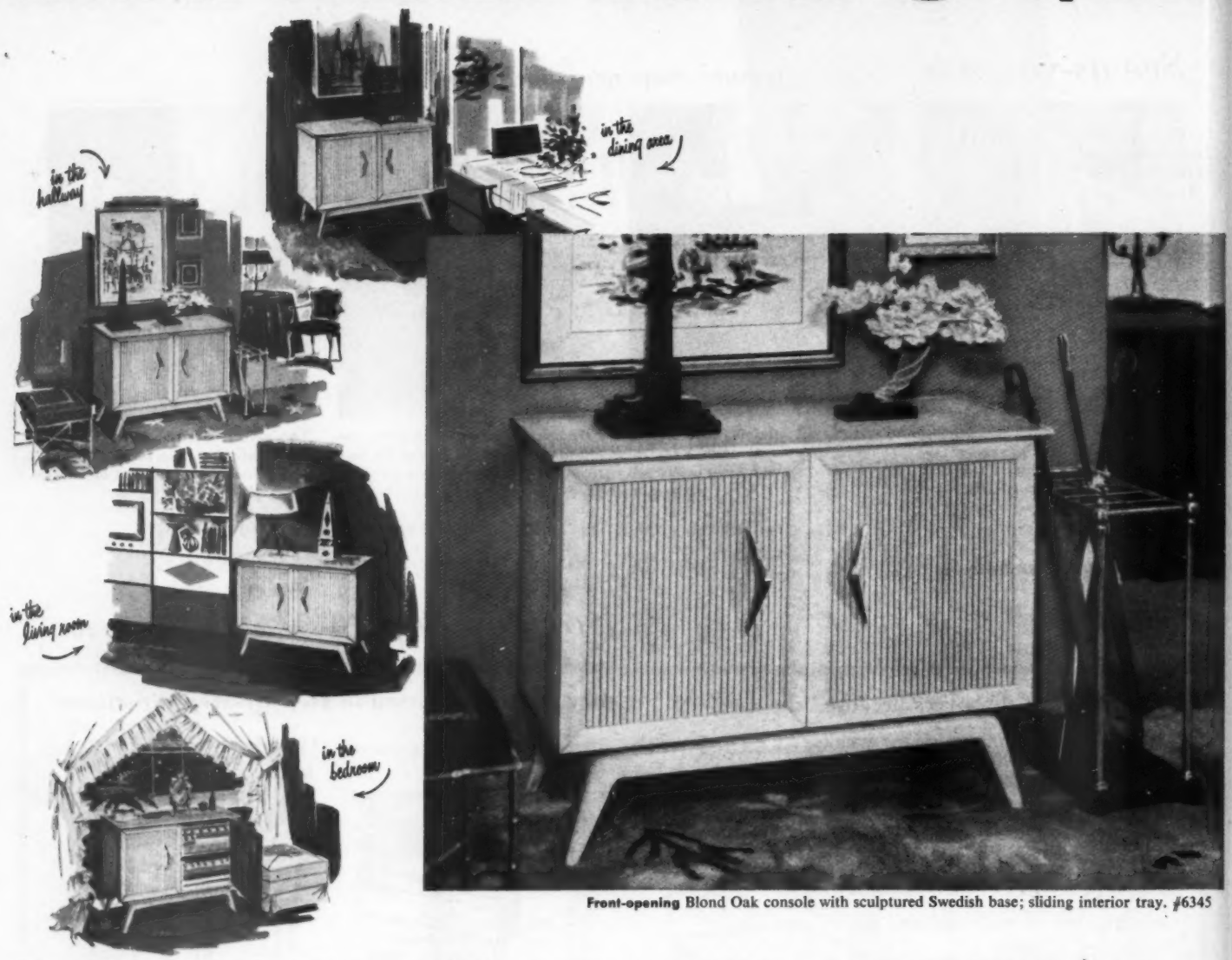
Wing has tuck-in at inside arm and back crevice. A plain inside seam joins wing; inside pieces.

Drawings: Bill Wells

Traditional wing chair has two wing pieces. Cord edge of inside, one top stitch over outside.

Top stitch wing over inside arm without cording. Use plain inside seam to join the inside back and wing. Allow for the wing tuck-in

How to decorate with storage space



Front-opening Blond Oak console with sculptured Swedish base; sliding interior tray. #6345

This unique idea of decorative storage furniture, with moth protection, has never been possible before! Now, thanks to Lane's new approach to the *styling* of space units, it's possible to add needed storage room to any home—and at the same time, to add beauty and elegance.

On this page are four ways in which the same Lane cedar chest solves four different decorating problems. Each solution also gives scientific safety to woolens, as no other storage method can.

Why not make a mental survey of your own home's needs today. Remember—no matter what the decorative scheme or the nature of the room, there's a Lane that fits *both* perfectly.

At leading Furniture and Department Stores Everywhere

Lane is the ONLY pressure-tested, aroma-tight cedar chest. Made of ¾ inch red cedar in accordance with U.S. Government recommendations, with a free moth protection guarantee underwritten by one of the world's largest insurance companies, issued upon proper application. Helpful hints for storing are in each chest. The Lane Company, Inc., Dept. G., Altavista, Va. In Canada: Knechtels, Ltd., Hanover, Ont.

LANE Cedar Chests start at $49.95 *Easy terms*

Sweeping serpentine front on base drawer; in Pearl Gray Mahogany. Or Mahogany in Seafoam, Cordovan or Charcoal finishes. #6164.

Cherry Cordovan with Serpentine front; silvery hardware. Or Mahogany in Pearl Gray, Seafoam, or Charcoal finishes. #6151.

Colonial design in mellow Maple. Distinctive louvered doors open from the front; the lock is decorative as well as functional. #6275.

Blond Oak Lowboy. Opens from top, base drawer. Also Mahogany in choice of Seafoam, Pearl Gray, or Cherry Cordovan finishes. #6126.

Gracious Queen Anne style in satiny mahogany. Roomy base drawer, simulated drawers above. Ideal for your foyer or dining room. #6386.

Over 100 styles and finishes • Also makers of Lane Tables

Virginia

Continued from page 147

Glory," is presented outdoors nightly (except Mondays) during July and August.

Sixth day: Williamsburg, Jamestown, and Richmond, Virginia. (61 miles)

Head for Jamestown via Virginia State 31. At Jamestown in 1607, the first permanent English settlement in North America was established with Captain John Smith as leader. Here in 1614, the Indian princess, Pocahontas, was married to John Rolfe in the Old Church, the tower of which is today the only evidence above ground of the town's original location. A great deal of archeological work has been accomplished by the National Park Service, and several exhibit rooms containing displays of excavated objects are open to the public.

Entering Richmond, turn left off U. S. 60 at 20th Street, where at the foot of the hill near 20th and Main you'll find Richmond's oldest house, the Edgar Allan Poe shrine. Other important places to see in Richmond include the Virginia State Capitol with its famous Houdin statue of Washington; Lee House, occupied by the general's family in 1864-65; Battle Abbey; Virginia Museum of Fine Arts; Valentine Museum; and the Confederate Museum which today occupies the former White House of the Confederacy.

Seventh day: Richmond, Fredericksburg, and Alexandria, Virginia. (177 miles)

On this last day of your Virginia circle tour you'll follow U. S. 360 northeast from Richmond and across the Rappahannock River to Warsaw. Turn left here on Virginia State 3 and right again on State 214 to reach Stratford Hall, ancestral home and birthplace of Robert E. Lee. The house was built in 1727, and from its design and furnishings you'll derive a clear picture of life as it was lived on a typical, ante-bellum Virginia plantation.

Nine miles farther north, just off State 3, is George Washington Birthplace National Monument.

From Washington's Birthplace it's just 38 miles to Fredericksburg, on the Rappahannock River midway between the opposing Civil War capitals. Furious fighting during the war years almost completely obliterated the city.

Miles of earthworks and some emplaced artillery are still in evidence today. At Guinea, Virginia, you'll find the restored home in which 39-year-old Stonewall Jackson died, 5 days after being mistakenly shot by his own troops at Chancellorsville.

There are other things to do in Fredericksburg too. Don't miss the fine park service information center and museum. President James Monroe's law office and the homes of George Washington's mother and sister, and that of John Paul Jones, may all be visited. Doctor (General) Hugh Mercer's Apothecary Shop is also well worth a stop.

Indianapolis cook is mother of four

Indiana Governor Presents Award to Champion Cook

That ribbon Governor George Craig is presenting to Mrs. Paul Goben is no ordinary prize . . . it's a champion award! Mrs. Goben won it—and 5 others—in Indiana State Fair cooking contests last year. Of course a cook like Mrs. Goben uses Fleischmann's Active Dry Yeast. "It's so easy," she says. "Always rises fast."

Prize-winning cooks use Fleischmann's Active Dry Yeast—and if *you* bake at home, Fleischmann's is the yeast for you. This handy dry yeast stays fresh for months—makes it easier to serve yeast-raised specialties. Get Fleischmann's Active Dry Yeast—the very best.

Get the New "Thrifty Three"

Permanent All-Aluminum Awnings

For Doors, Windows, Patios, Porches, Carports

Here's year-around beauty, comfort and protection. Keep your rooms cooler . . . protect furnishings from sun and rain. All sizes, in 18 different baked-on enamel colors . . . convex, concave or straight aluminum slats. Also available for commercial use. Lowest Prices Under the Sun!

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☐ **DEALER INQUIRIES INVITED**
*Mfg. by Cool-Temp Awning Co.

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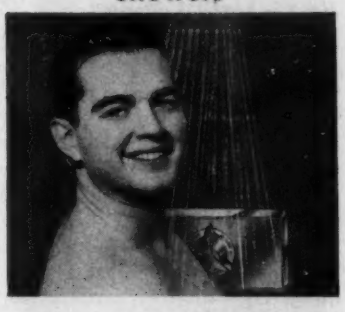

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Please send me HYDROGUARD Shower Control Booklet.

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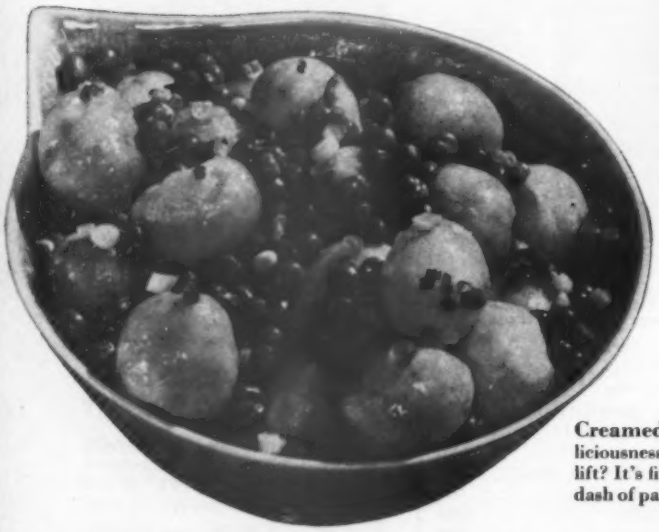
Springtime ways with new potatoes

By Virginia Newman

They're small potatoes, all right, but plenty big eating pleasure. Most folks serve spuds year round. That's why it's such a joy to bite into the season's first tiny new ones—they taste almost like a different member of the vegetable family.

Give potatoes a good scrub with a plastic-mesh pad. Then simmer. Remember, it takes only about 20 minutes to cook to an Irishman's taste. You may want to leave the spuds in their jackets and serve buttered. Or try these tasty fix-ups for midget-size potatoes.

Mustard-sauced Potatoes are a spicy spring-meal complement—perfect with meats that call for peppy mustard flavor like baked ham, meat loaf, or broiled fish fillets. These spuds are "prettied up" with bright flecks of parsley in the sauce. For jig-time mincing job on the parsley, use your kitchen scissors



Creamed New Potatoes and Peas—butter 'n cream add rich deliciousness to this garden get-together of traditional favorites. The nippy lift? It's finely sliced green onions. Give the creamed vegetables a colorful dash of paprika. Serve with roast beef or leg of lamb, or tender veal cutlets

Photographs: Nelson, Photography, Inc.

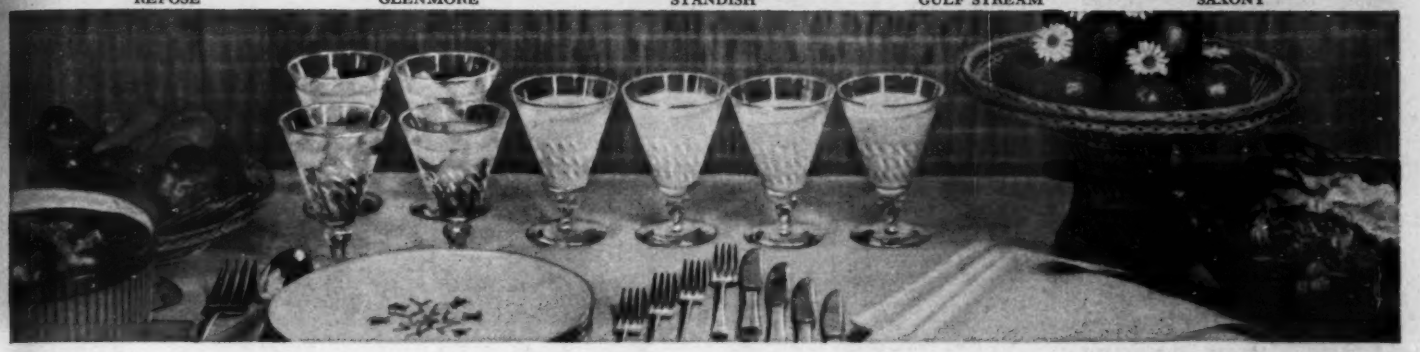
Spring-y Spuds. The sauce is quick as a robin's wink—milk is added to canned cream of celery soup. You may prefer cream of mushroom or savory cream of chicken soup to sauce your potatoes. Sprinkle with snipped chives or green-onion tops. Or trim spuds with parsley bouquet

Dilly Potatoes. Dill—the herb so popular in pickles—teams up with tangy sour cream to make potatoes elegant enough for company. Same goes for caraway seed. Another time try this smooth sauce on green beans

More on page 154

STYLED BY LIBBEY FOR YOUNG AMERICA'S CASUAL LIVING

REPOSE GLENMORE STANDISH GULF STREAM SAXONY



"Recipe" for a Springtime buffet—Begin with the sparkling, hand-cut look of Libbey *every*-day crystal. Shown above, "Standish," one of Libbey's many beautiful cutware patterns. Play up its clear elegance with a creamy toned tablecloth, add flower-sprigged china, a gay pyramid centerpiece of golden tangerines, avocados and daisies. "Standish" comes in 7 sizes. Tumblers about $7.50 a dozen. Stemware about $10 a dozen

Put imagination in family dining...

set a gay, help-yourself buffet with

Libbey every-day crystal

All through America... families are dining together at lovelier tables—

Why not set a buffet for supper? It's such fun for the children to serve themselves from an elegant "grown-up" table, set with sparkling Libbey *every*-day crystal. And how much it adds to that warm feeling of family "togetherness."

Not to be confused with costly banquet crystal, Libbey's new *every*-day crystal is designed to be *used, enjoyed* at all family meals. Each slim glass, every piece of cutware is elegantly styled—yet so sturdy, with chip-defiant rims.*

So tonight, treat your family to the pleasure of using lovely glassware. Prices for Libbey *every*-day crystal are so low, you can afford to use it for *every* meal.

*If the rim of a Libbey "Safedge" glass ever chips, Libbey will replace the glass. At all leading stores. Prices slightly higher in South, West, Canada. Look for the Libbey on every glass.

LIBBEY SAFEDGE GLASSWARE

AN (I) PRODUCT

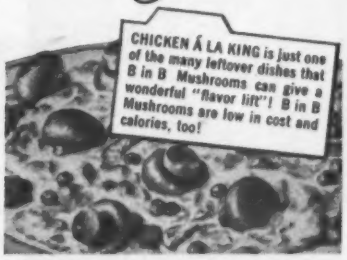
OWENS-ILLINOIS

GENERAL OFFICES · TOLEDO 1, OHIO

DELICIOUS WITH LEFTOVER CHICKEN

B in B
Broiled in Butter
MUSHROOMS

Just Heat & Serve!



These tender beauties are specially grown in hothouses and are broiled in butter to a golden brown . . . then packed in their own delicious broth! So easily prepared! Just heat and serve! No peeling, no trimming, no waste!

3 Convenient Styles!
B in B Whole Crowns B in B Sliced Mushrooms
B in B Chopped Mushrooms

Brush a
RICH BROWN CRUST ON FISH

with KITCHEN Bouquet

For a tempting broiled-brown crust, brush your fish with Kitchen Bouquet—and broil as usual. Recipes in the package for steaks, chops, hamburgers, poultry, roasts and gravy. Good cooks have used Kitchen Bouquet for over 75 years.

Success Every Time... Costs So Little!

FOR THE COMPLETE ANSWER to cooking problems, you'll want *Better Homes & Gardens* New Cook Book. Only $3.95 (Canada $4.50).

Springtime ways with new potatoes

Begins on page 152

Potatoes in Consomme Sauce. Spuds plus green onions simmer in condensed beef consomme, absorb its meaty goodness.

You make a thin gravy of the consomme to pour over the cooked potatoes and sliced onions.

Mustard-sauced Potatoes

2 pounds (about 12 small) new potatoes
2 tablespoons butter or margarine
2 tablespoons enriched flour
1 cup milk
1 tablespoon prepared mustard
½ cup chopped parsley
Salt and pepper

Cook potatoes in jackets in boiling salted water till done; drain and peel. Melt butter; blend in flour; gradually stir in milk. Cook, stirring constantly, till thick. Add mustard and parsley. Season to taste with salt and pepper. Pour over hot potatoes. Makes 6 servings.

Spring-y Spuds

1½ pounds (about 8 small) new potatoes
1 can condensed cream of celery soup
¼ cup milk
1 tablespoon chopped chives

Scrape potatoes and cook in boiling unsalted water till done; drain. In saucepan, combine soup and milk; heat, stirring frequently. Add hot potatoes. Serve sprinkled with chives. Makes 4 servings.

Dilly Potatoes

1½ pounds (about 8 small) new potatoes, scraped
1 cup dairy sour cream
½ teaspoon salt
½ teaspoon dill seed

Cook the potatoes in boiling salted water till done; drain. Combine the sour cream, salt, and dill seed. Pour sour-cream mixture over potatoes and heat 1 to 2 minutes, turning potatoes to coat. Makes 4 servings.

Potatoes in Consomme Sauce

2 pounds (about 12 small) new potatoes, scraped and halved
½ cup sliced green onions
1 can condensed beef consomme
1 tablespoon butter or margarine
1 tablespoon enriched flour
Salt and pepper

Simmer potatoes and green onions in consomme till done; drain, reserving liquid. Melt butter in saucepan; blend in flour; gradually stir in hot consomme. Cook, stirring constantly, till thick. Season to taste with salt and pepper. Pour sauce over vegetables. If desired, garnish with snipped green-onion tops. Makes 6 servings.

Creamed New Potatoes and Peas

1 pound (about 12 tiny) new potatoes
2 pounds fresh peas (1 to 1½ cups shelled) or 1 10-ounce package frozen peas
2 to 4 tablespoons finely sliced green onions
½ cup light cream
2 tablespoons butter or margarine
Salt and pepper
Paprika

Scrape potatoes and cook in boiling salted water till done; drain. Meanwhile cook peas and onions in boiling salted water till tender; drain. Combine vegetables; add cream and butter; heat. Season to taste with salt and pepper. Sprinkle with paprika. Makes 4 servings.

"Well, how about it? Would you like to eat out for a change?"

Morgan-Jones bedspreads with tufts containing AVISCO rayon and bearing the AVISCO Integrity Tag

are at these stores:

ALABAMA
Birmingham, Lovemans
Birmingham, Parisian, Inc.

ARKANSAS
Little Rock, The M. M. Cohn Co.
Little Rock, Pfeifers of Arkansas
Pine Bluff, The Frosg Co.

CALIFORNIA
Crenshaw, Barker Bros.
Hollywood, Barker Bros.
Long Beach, Barker Bros.
Los Angeles, Barker Bros.
Pasadena, Barker Bros.
Pomona, Barker Bros.
San Francisco, Macy's
Santa Monica, Barker Bros.
Westwood, Barker Bros.
Whittier, Barker Bros.

DELAWARE
Wilmington, Kennard-Pyle Co.
Wilmington, Linen Mart, Inc.

ILLINOIS
Chicago, Marshall Field & Co.
Peoria, Bergner's

INDIANA
Hammond, Edward C. Minas Co.
Indianapolis, L. S. Ayres & Co.
Indianapolis, William H. Block Co.
South Bend, Robertsons Dept. Store
South Bend, George Wyman & Co.

IOWA
Cedar Rapids, The Killian Co.

KANSAS
Wichita, Bucks', Inc.

LOUISIANA
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Baltimore, Hochschild, Kohn & Co.
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Detroit, The J. L. Hudson Co.
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MINNESOTA
Minneapolis, Donaldson's

MISSOURI
Kansas City, Emery Bird Thayer
St. Louis, Scruggs Vandervoort Barney (Downtown and Clayton)
St. Louis, Stix Baer & Fuller

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Billings, Hart-Albin Co.
Great Falls, The Paris of Montana

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Omaha, J. L. Brandeis & Sons, Inc.

NEW JERSEY
Asbury Park, Steinbach Co.
Newark, Hahne & Co.
Red Bank, Steinbach Co.

NEW YORK
New York, McCutcheon's
New York, Bloomingdale's
Rochester, Sibley, Lindsay & Curr
Syracuse, E. W. Edwards & Son

NORTH CAROLINA
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Greensboro, Ellis Stone & Co.
Kinston, Brodys Dept. Store
Winston-Salem, Morrisette Inc.

OHIO
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OKLAHOMA
Tulsa, Vandevers

OREGON
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Portland, Lipman Wolfe & Co.

PENNSYLVANIA
Cheltenham, Gimbels
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Philadelphia, Gimbels
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Nashville, Cain Sloan Co.

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Austin, E. M. Scarbrough & Sons
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Ft. Worth, R. E. Cox & Co.
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UTAH
Salt Lake City, Auerbach
Salt Lake City, Keith O'Brien, Inc.
Salt Lake City, South East Furniture Co.

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Now you can forget about lint on tufted bedspreads / AVISCO is the reason

What's the one thing that's kept you from enjoying the ageless beauty of a tufted bedspread? The lint problem! Well, it's a problem no longer. These big, fluffy tufts contain Avisco rayon, so linting is practically non-existent. Avisco is the reason, too, for the plump spring-back in every tuft, washing after washing, that makes fluffing unnecessary. These bedspreads come in decorator colors which look even richer because the tufts take dye with more intensity, and stand out against the cotton backgrounds. Ask for Radiant Heiress (about $9.95) or Imperial Pettipoint (about $7.95) by Morgan-Jones. Ask for bedspreads bearing the Avisco Integrity Tag. It tells you the fine quality goes all the way back to the fiber.

BEDSPREADS WITH TUFTS CONTAINING AVISCO RAYON ARE IN STORES ON OPPOSITE PAGE

AMERICAN VISCOSE CORPORATION, 350 FIFTH AVENUE, NEW YORK 1, N. Y.

Nobody reads the directions

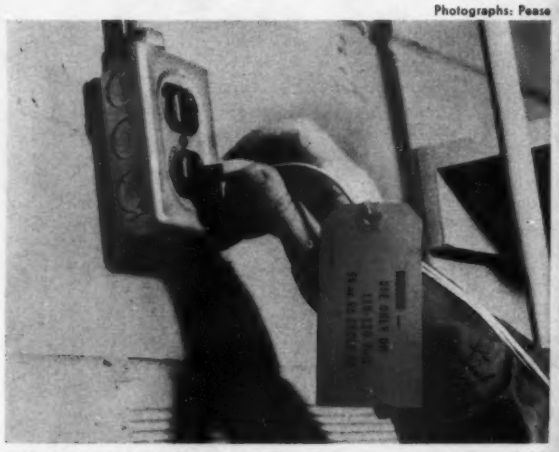
That often includes the people who write them. Or how explain what seems like a plot to keep you in the dark?

"Close cover before striking match"

"Opens when $5 has been put in"

"Add one level cup of sifted enriched flour"

Photographs: Pease



"Warning—use only 50 or 60 cycle AC"

By Mort Weisinger

Not long ago, the manager in charge of the Brazilian office for a company manufacturing adhesive bandages was happy to note that some of his products had found their way into the deepest jungles of Mato Grosso, introduced there by missionaries. Sales in that remote region failed to boom, however, because the primitive Indians in the territory found them useless —they wouldn't stick. Investigation finally disclosed the reason; unable to read the directions which accompanied each package of bandages, the natives had not gotten around to peeling off the protective crinoline.

While we can forgive these Amazon aboriginals for their *faux pas* on grounds of not being able to read, the embarrassing truth is that most people who *can* read are just as unable to follow directions.

Few families can plead "not guilty" to [*Turn to page 180*

"Store in cool, dry place"

If you own—or hope to buy—three or more of these electric appliances, you need to know more about

HOUSEPOWER™

Check this list

....Electric Refrigerator
....Washing Machine
....Iron....Electric Clothes Dryer
....Air Conditioner
....Toaster....Vacuum Cleaner
....Electric Range
....Electric Fry Pan
....Television....Waffle Iron
....Garbage Disposer
....Automatic Coffee Maker
....Freezer....Electric Fan
....Electric Water Heater
....Automatic Dishwasher
....Power Tools....Rotisserie
....Radio....Electric Mixer
....Electric Blanket
....Electric Ironer

To get full efficiency from your home, you need sufficient HOUSEPOWER to operate lights and appliances at full capacity. This means proper wiring to bring sufficient electricity into your home and distribute it safely and efficiently to modern electric appliances.

If your HOUSEPOWER is low, your appliances do not get enough current to do jobs well. Thus your iron or toaster will take longer to warm up; never get hot enough to do their job well; your vacuum cleaner suction is weakened so that you have to work harder, longer to get your house clean. Your TV picture shrinks or lights flicker and dim when other appliances are turned on. Overloading circuits can even cause an appliance motor to burn out.

With full HOUSEPOWER you can use all the lights and appliances you wish at one time, without overloading. To do this, **the average private residence requires at least 3-wire, 100-ampere service entrance capacity and 8 or more fuses, or circuit-breakers.**

Actually, 4 out of 5 homes today are being cheated by low HOUSEPOWER. One big reason for this is the tremendous rise in the number of work-saving appliances now in use.

If you buy, build or remodel make sure you are wired for full HOUSEPOWER. Keep in mind not only the electric appliances you now have, but also those you may want to add in the near future—such as a clothes dryer, air conditioner or broiler.

Putting additional wiring in your present house is simple and inexpensive. The job can often be done efficiently in a single day with no mess or bother. The cost can be paid in monthly installments.

To make sure you have full HOUSEPOWER, call your electric company or electrician. They will tell you how you can have your wiring system checked, and get a cost estimate of the additional wiring you may need for full HOUSEPOWER, without obligation. Call today.

How full **HOUSEPOWER** can make life easier for you

Proper electrical wiring enables you to get more from your appliances—save time, effort, and electricity—enjoy more of the conveniences of modern living.

Only one home in five is wired to deliver enough electricity to operate the appliances of today at their full efficiency. New houses as well as old ones are guilty of low HOUSEPOWER.

To get the full benefit from all of today's wonderful, work-saving electric appliances, make sure that you have full HOUSEPOWER. Full HOUSEPOWER is simply the ability of your home's wiring and electrical equipment to work for you at full capacity while allowing for future expansion. **Call your electric company or electrician to learn how you can get a survey of your wiring system without obligation.** You'll see how easy and inexpensive it is to enjoy a modern, efficient electrical home.

The service entrance of your wiring system brings electricity into your home from the pole in the street. Full HOUSEPOWER requires 3 wires (or 3-wire cable) and at least a 100-ampere service entrance.

Your fuse box or circuit-breaker panel safeguards your wiring system. For full HOUSEPOWER, you should have eight or more circuits: separate circuits for major appliances (range, dryer, etc.), heavy-duty circuits for your other appliances, plus other circuits for your lighting.

Full HOUSEPOWER gives you pleasant hours in the kitchen—more hours out of the kitchen! With the exciting new electric kitchen appliances available today, you need full HOUSEPOWER to operate them at full capacity—as many as you wish at one time.

Full HOUSEPOWER in the laundry keeps all equipment working at top efficiency. Washing machine cleans and spins thoroughly. Electric dryer, ironer and iron work faster. You save time and effort.

Photographed in Altman's Young Homemakers Rooms

Full HOUSEPOWER throughout the house makes it possible for you to enjoy all of the conveniences and beauty of modern electrical living. Enough conveniently located outlets make unsightly extension cords unnecessary. Put radios, appliances and lamps where you want them.

Quick Facts about

HOUSEPOWER

The average home today uses about **three times as much electricity as it did 15 years ago.** Many more kinds of electrical appliances are now in daily use and need more HOUSEPOWER. What's more, today's appliances work faster and better—and so use more power than earlier models. The electric utility companies have more than kept up with this increased demand and can supply your home with all the power you need. **But four out of five homes are not wired to handle increased appliance and equipment loads. They suffer from low HOUSEPOWER.**

These conditions cause low HOUSEPOWER:

1. ***Inadequate "service entrance."*** Inadequate service entrance capacity is the basic barrier to full HOUSEPOWER. To meet today's demand for electricity, you should have service entrance capacity of at least 100 amperes. This requires 3-wire service from the street. Also sufficient fuses or circuit-breakers to accommodate all the necessary branch circuits.

2. ***Inadequate branch circuits.*** Using too many fixtures and appliances on the same circuit overloads it, and none of them get enough power. They work inefficiently. Motors may even burn out—making costly repairs necessary. If the overload is too great, the circuit's fuse will blow, or its circuit-breaker will trip. You should, therefore, have enough circuits to distribute electricity to all your appliances without any one circuit having to accommodate too many of them. Some appliances like ranges and clothes dryers need special circuits just for themselves.

3. ***Insufficient outlets.*** Some home owners try to avoid this situation by using extension cords and "Octopus" outlets (2- and 3-way plugs), or by plugging into lighting outlets. Such practices are unsightly and inconvenient and may be dangerous. Rearranging furniture to suit the location of outlets is, of course, no solution either. The only safe solution is to add more circuits and outlets.

These are the symptoms of low HOUSEPOWER:*

1) **lights dimming when appliances are turned on.**
2) **blown fuses or tripped circuit-breakers.**
3) **TV picture shrinking when other appliances are turned on.**
4) **appliances working inefficiently.**
5) **irons, toasters, other heating appliances taking too long to heat up.**

*If any of these symptoms are present in your home, you need a wiring check-up! Call your electric company or electrician. In most cases, you can get a wiring check-up without obligation. Adding the wiring necessary to give your home full HOUSEPOWER can often be done in a day; is not messy nor destructive to walls when done by a qualified electrician or electrical contractor. Remember, modernizing your wiring not only contributes to your comfort, but increases the value of your home, and equips it for appliances you may plan to buy in the next few years.

CONTEST DETAILS

$100,000

"How's Your *HOUSEPOWER*?" Contest

If you use electricity in your residence . . . If you've read the last three pages . . .

You can win a Grand Prize of $10,000 Cash!

All you have to do is fill in the entry blank below and mail it in. It's easy—every question is answered in the three pages preceding this one.

GRAND PRIZE $10,000 CASH!

Plus Over 200 Prizes Awarded EACH MONTH for 5 Months (May through September 1956). More than 1000 Appliance Prizes in all—Worth $90,000.

These are the prizes for the month of May (worth $18,000):

First Prize—A Color TV Set

Second thru Fifth Prizes—Automatic Dishwasher Sinks

6th thru 9th—De luxe Electric Ranges
10th & 11th—Food Freezers
12th thru 15th—Combination Refrigerator-Freezers
16th thru 18th—Medium Priced Electric Ranges
19th thru 22nd—Automatic Clothes Washers
23rd thru 25th—Black & White TV Sets
26th & 27th—¾ ton Air Conditioners
28th thru 31st—Electric Ironers
32nd thru 36th—Electric Clothes Dryers
37th & 38th—Electric Water Heaters
39th & 40th—Electric Incinerators
41st thru 49th—Vacuum Cleaners

plus 155 additional prizes consisting of:

19 Electric Mixers
29 Electric Coffee Makers
16 Electric Blankets
15 Electric Shavers
22 Automatic Toasters
22 Electric Fry Pans
31 Steam Irons
3 Dry Irons

These prizes donated by these famous name manufacturers:

Admiral
Blackstone
Cory
Crosley & Bendix
Dormeyer
Easy
Frigidaire
General Electric
Hobart
Hoover
Hotpoint
Ironrite
Kelvinator
Maytag
Norge
Philco
Proctor
RCA Whirlpool
Remington Rand
Silex
Sunbeam
Sylvania
Universal
Westinghouse

CONTEST RULES

WHO MAY ENTER: Any user of electricity in their place of residence in the continental U. S. or Hawaii except employees (and their immediate families) of Electric Power Companies, Electric Leagues and Associations, their Advertising and Contest Agencies.

DURATION OF CONTEST: The first of the five monthly contests begins May 1, 1956. Entries must be received no later than last day of month to be eligible for that month's contest. Entries received after last day will be included in following month's contest.

Final month's contest ends Sept. 30, 1956. Entries postmarked after Sept. 30, 1956 or received after Oct. 5, 1956 will not be accepted. Multiple entries will be accepted, provided an Official Entry Blank is used each time. Entry blanks may be obtained from local Electric Power Company.

HOW TO ENTER: Read carefully "Quick Facts About Housepower." Then complete entry blank below. Answer all questions. Fill in your name and address twice. Mail entry blank to "HOUSEPOWER CONTEST", P.O. Box 1888, Grand Central Station, New York 17, N. Y.

JUDGING: Judging will be done monthly by the Contest Division, Richard Manville Research, an independent research organization. Judging will be based on most correct answers to the multiple choice questions, and the degree of interest, aptness, originality, and sincerity of the statement completion. Grand prize winner will be selected from among the 25 top prize winners (five per month).

Monthly winners will be notified by mail approximately 6 weeks from closing of each month's contest. Only one prize per household per month. Grand prize winner will be notified approximately 10 weeks from final closing date. Winners' lists may be obtained by enclosing a *self-addressed, 6-cent stamped envelope* with your entry.

Contest is subject to federal, state, and local regulations. All entries become the property of Edison Electric Institute. Judges' decisions are final.

Each contestant consents and agrees that neither the sponsors of this contest, nor the Contest Division of Richard Manville Research, nor any of their respective employees, will incur any legal liability for any negligence, error, act, or failure to act in the sponsoring or conducting of this contest or the handling, or judging, of any contestant's entry, however, all due caution will be exercised to prevent the occurrence of any such errors.

OFFICIAL ENTRY BLANK *send to:* HOUSEPOWER, *P.O. Box 1888, Grand Central Station, New York 17, N. Y.*

IMPORTANT: Read "Quick Facts about HOUSEPOWER" before filling in entry.

(Place a check in the square preceding each correct answer. Each question has one and only one correct answer.)

1. Today, the number of existing homes that need additional wiring is ☐ 2 out of 5 ☐ 3 out of 5 ☐ 4 out of 5 ☐ 1 out of 5.

2. One cause of low HOUSEPOWER is ☐ too little electricity available from the electric companies ☐ inadequate service entrance ☐ too many fuses ☐ excessive rainfall.

3. Overloaded circuits may be responsible for ☐ appliance motors burning out ☐ fuses that never blow ☐ dripping faucets ☐ superior TV reception.

4. A scarcity of outlets can be safely corrected only by ☐ using "Octopus" outlets (2- and 3-way plugs) and extension cords ☐ rearranging your furniture properly ☐ plugging into lighting outlets ☐ putting in additional circuits and outlets.

5. Bringing your home up to full HOUSEPOWER ☐ requires a license for use of high voltage ☐ increases the value of your home ☐ generally takes two or three weeks ☐ brings discomfort to home occupants.

6. The person best qualified to discuss your wiring problem is ☐ your pharmacist ☐ your electrician, or electrical contractor ☐ the neighborhood handyman ☐ your insurance broker.

7. My house was built ☐ before Jan. 1, 1935 ☐ between Jan. 1, 1935 and Jan. 1, 1945 ☐ since Jan. 1, 1945. ☐ Don't live in a private house.

8. With full HOUSEPOWER these are the electric appliances I would like to have within the next five years: ☐ range ☐ air conditioner ☐ water heater ☐ dishwasher ☐ electric blanket ☐ automatic washer ☐ clothes dryer ☐ home freezer ☐ television set ☐ toaster ☐ automatic coffee maker ☐ electric fry pan.

9. The last time a fuse blew (or a circuit-breaker tripped) in my home was ☐ within the past month ☐ within the past six months ☐ within the past year ☐ more than a year ago ☐ can't remember.

10. Connecting the street *power* line to my house are ☐ 2 wires ☐ 3 wires. ☐ Don't live in a private house.

11. My fuse box now has ☐ 4 or fewer fuses ☐ 5-7 fuses ☐ 8 or more fuses ☐ don't have fuses (have circuit-breakers).

12. In my opinion, the wiring in our home is ☐ inadequate ☐ adequate ☐ good ☐ excellent

(Complete the following statement, using 25 additional words or less)

It's smart to invest in full HOUSEPOWER because_____

NAME (PRINT)_____

STREET ADDRESS_____

CITY_____ ZONE____ STATE_____

NAME OF YOUR ELECTRIC UTILITY COMPANY_____

BE SURE TO ANSWER ALL 12 QUESTIONS ON THIS ENTRY FORM

Print name, address etc., here also.

NAME (PRINT)_____

STREET ADDRESS_____

CITY_____ ZONE____ STATE_____

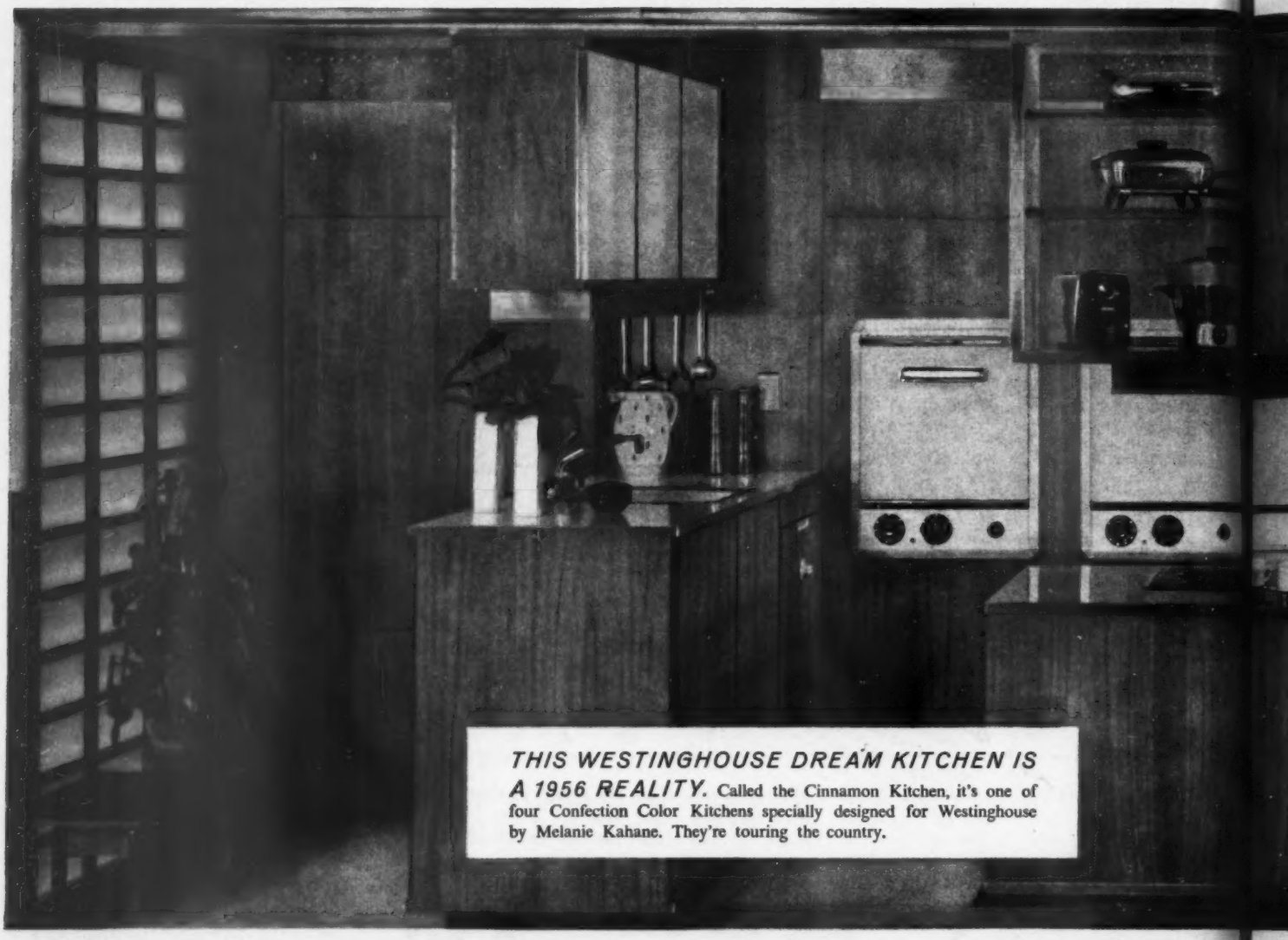
NAME OF YOUR ELECTRIC UTILITY COMPANY_____

LIVE BETTER...*Electrically*

with **HOUSEPOWER**

With **FULL HOUSEPOWER** wiring, every room invites

EXCITING NEW IDEAS TO HELP



THIS WESTINGHOUSE DREAM KITCHEN IS A 1956 REALITY. Called the Cinnamon Kitchen, it's one of four Confection Color Kitchens specially designed for Westinghouse by Melanie Kahane. They're touring the country.

New idea in a home laundry

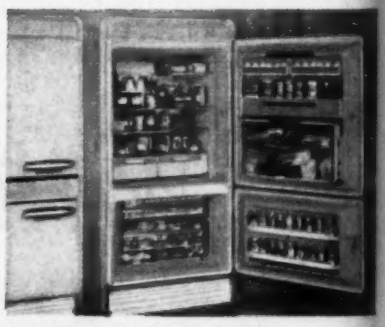
An automatic combination washer-dryer only 32 inches wide! The Westinghouse Wash-'N-Dry Laundromat can be built in to include storage space for soiled clothes and laundry supplies. Shown above, it is open, ready for use. When the doors are closed ①, the Laundromat is entirely concealed, providing an attractive living area.

New idea in cooking convenience

Two-unit cooking platforms ② are separated for use in different food preparation centers, one near mixer, one near sink. Drop-down doors on both automatic ovens ③ make handy loading shelves. Controls below doors are out of heat zone. Westinghouse built-in ovens are fully insulated and can be installed in wooden walls and cabinets, no venting required.

New idea in automatic cookery

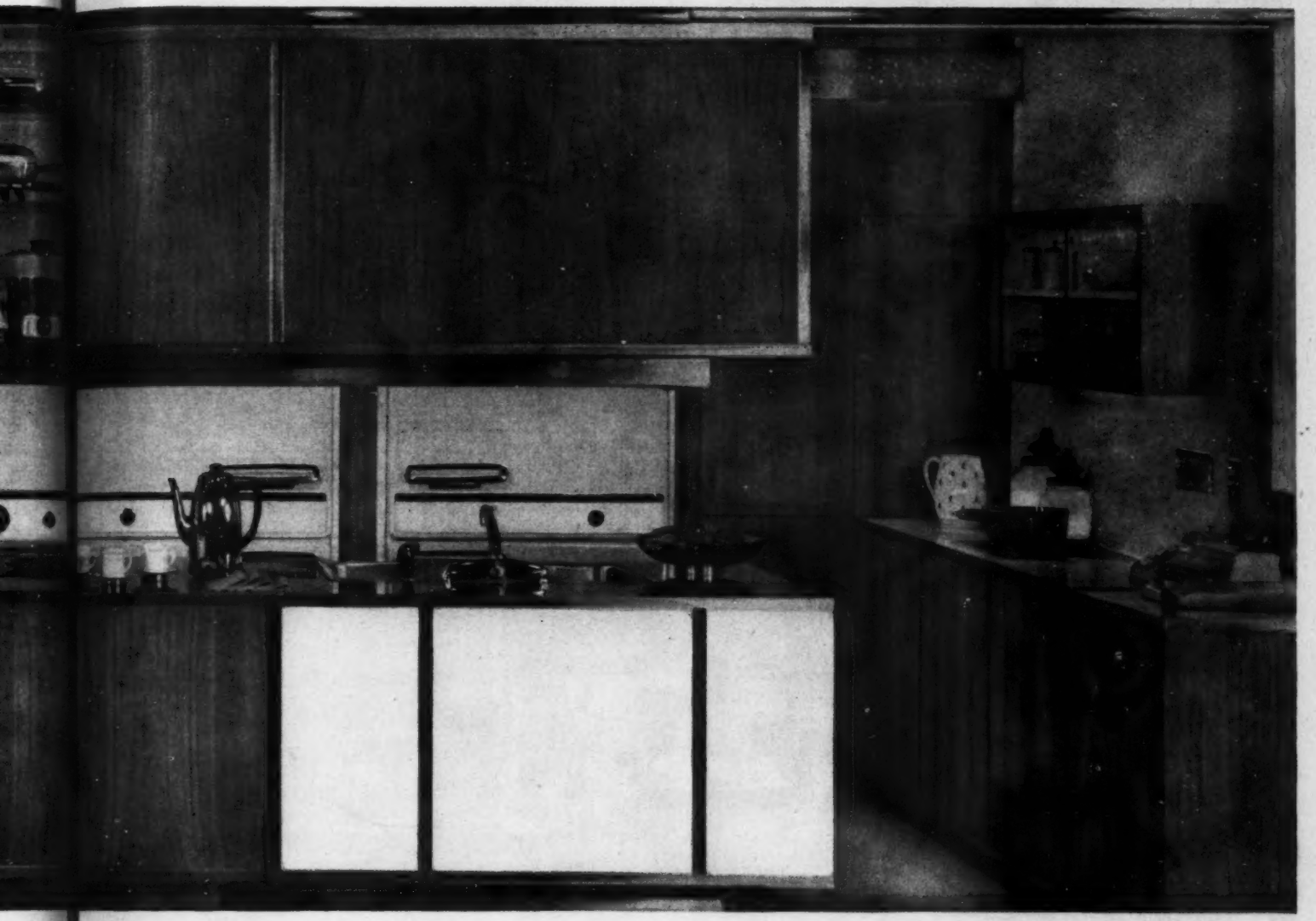
Now your controlled heat appliances can be *fully* automatic! Just set the dial on the new Westinghouse Automatic Cooking Center ④ to connect any appliance to timer—cooking starts and stops even while you're out! Use as many as five appliances at once without blowing fuses. Retractable cords end cord storage.

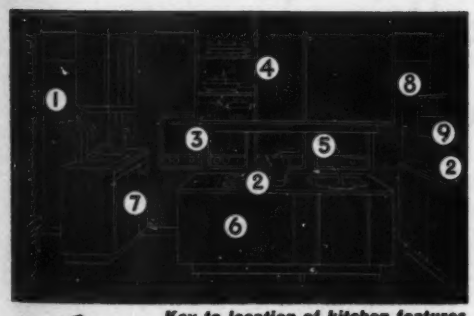


New idea in food preservation

Westinghouse vertical refrigerator-freezer ⑤ is first built-in to offer really convenient storage. Food File interior includes new Showcase Door Crisper and Meat Keeper. A horizontal model for waist-level installation also will be available. Both are easy to install because cooling system and storage compartments are in one unit. Another reason why you can be SURE... if it's Westinghouse.

YOU LIVE BETTER—ELECTRICALLY





Key to location of kitchen features

Write for the new booklet of Ideas for Westinghouse Confection Color Kitchens. It's crammed with fresh new thinking, by famous designer Melanie Kahane, on color schemes and decorative accessories. For your copy, write Home Economics Institute, Mansfield, Ohio.

Probably no room demonstrates the benefits of modern electrical equipment better than the kitchen. And this Confection Color Kitchen by Westinghouse offers some of the most exciting news in appliances today.

It's compactly arranged around an island food preparation center. A Westinghouse roaster oven ⑥ on its own shelf slides out from this counter for barbecueing or for cook-and-serve patio entertaining. Dishes are stored in cabinet directly above dishwasher ⑦. Mixer ⑧ rolls out of its cupboard for use right where it's stored. Fluorescent lights ⑨ under cabinets give day-bright illumination. Refrigerator-freezers, ovens and cooking platforms are installed by two's for greater capacity and flexibility in use.

Frankly deluxe—with custom details and cabinets like fine furniture—this kitchen could be part of an open-plan living room. Color accents are the appliances themselves, in Nougat Gray. This Westinghouse built-in equipment is practical in performance and price, and adapts equally well to less luxurious settings.

Kitchens with such electrical equipment require proper wiring. Don't let low *housepower* reduce full efficiency of *your* appliances. If fuses blow frequently, lights dim when using appliances, heating devices take too long to warm up . . . get a wiring check-up. Your electric company will tell you how to get a survey of your current capacity without obligation. Call today.

YOU CAN BE SURE... IF IT'S Westinghouse

See TV's Top Dramatic Show . . . WESTINGHOUSE STUDIO ONE . . . Every Week

Can Your Electric Wiring Bring You Full *HOUSEPOWER*™ for Modern Living?

Low *HOUSEPOWER* wiring keeps you from getting the most out of your appliances. Worse, it can keep you from *getting* the new appliances you need.

Yet, adding new wiring is so simple. All that's involved is calling an electrical contractor—a NECA qualified electrical contractor. He will give you an estimate after inspecting your present wiring and adding up the number of appliances you have and want to get. In most cases, you'll find it costs no more to modernize your wiring than it costs to buy a new major appliance.

When you order the job, skilled men move in and complete the job, swiftly and efficiently. New wires are skillfully installed—no muss, no fuss—new fuseboxes or circuit breaker panels are neat and unobtrusive.

Life is a pleasure when home efficiency increases, thanks to full *HOUSEPOWER*. Call your NECA contractor today—he's listed in your classified telephone book.

NATIONAL ELECTRICAL CONTRACTORS ASSOCIATION
610 Ring Bldg., Washington 6, D. C.

What does NECA offer You?

NECA stands for the National Electrical Contractors Association, a nationwide organization of electrical contractors employing the most experienced and best qualified electrical installation and maintenance men. Whether it's for wiring a factory or adding an outlet to your home, look for the NECA seal. It's your assurance of worksmanship and materials at their best—at lowest possible cost—and backed by a written guarantee.

Now! Freezer-Refrigerator Combinations designed specially for Supermarket Shoppers

Do you have room for the garden-fresh things that are rushed to your store nowadays . . . in and out of season? The bottles, the baked goods, the Supermarket Specials? You *will* have . . . with the abundant storage space that only a new Crosley "Fresh and Frozen Food Center" provides.

Today you're buying twice the frozen vegetables, ten times as many frozen meats as you did a few years ago. Your present refrigerator just wasn't built for this wonderful new era of frozen foods. But Crosley "Fresh and Frozen Food Centers" *are* . . . with room for months of frozen fare!

The new way of food-keeping you will surely come to

Crosley "Fresh and Frozen Food Centers"

CROSLEY DUO-SHELVADOR

Refrigerator-Freezer All-in-One

A 13 cubic foot "Fresh and Frozen Food Center" in a single unit. Up top, a big 9.1 cubic foot refrigerator, with a 130 pound roll-out freezer below. Plus that deep, deep door, and the unique Crosley Beverage Server that serves ice water right through the door. And, thanks to Crosley's new Hi-Speed Automatic Defrost, both the refrigerator *and* freezer defrost in minutes—automatically. No scraping!

Available in Color-Glo Yellow, Pink, Green, as well as White.

CROSLEY SHELVADOR TWINS

practically put the supermarket in your kitchen!

The absolute ultimate in refrigeration . . . in two separate go-together units. The "ALL" Refrigerator is ALL for fresh foods . . . all 14 cubic feet of it. Because there is no freezer chest, you have 3½ extra bushels of room. And more in the Shelvador door, complete with the Beverage Server.

The matching Twin, Crosley's Shelvador Freezer, is all for frozen foods. Keeps 470 pounds within easy sight and reach. Use these Shelvador Twins side-by-side or separately. Each is only 31½ inches wide.

For the name of your nearest Crosley Dealer, call Western Union, Operator 25

CROSLEY

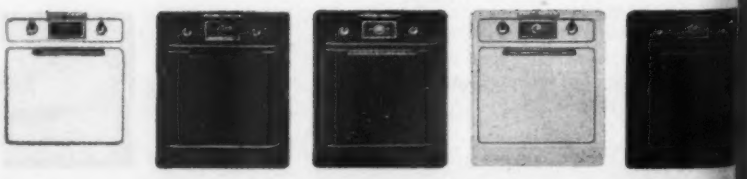
Crosley and Bendix Home Appliances Divisions of AVCO MANUFACTURING CORPORATION advanced development in Aviation, Electronics, Products for Farm and Home

In Canada, Crosley and Bendix Home Appliances are manufactured and distributed by Moffats Limited, Weston, Ontario.

Plan your color-gay kitchen around

A kitchen with its own snack bar shows how easily you can create a room for family living with the G-E built-in. And what heavenly convenience to have the oven up where you can get at it, cooktop right where you're going to serve the food.

G-E Mix-or-Match colors simplify the job of decorating your kitchen, by making sure that colors match exactly or combine well with each other. Same colors are used for all General Electric major appliances, Textolite counter tops and cabinets. You can also buy Mix-or-Match paints. See your G-E dealer, General Electric Company, Appliance Park, Louisville 1, Kentucky.



General Electric's new built-in range

Latest idea in cooking brings kitchens new elegance... gets rid of the "kitcheny" look

You'll enjoy looking at this lovely G-E built-in almost as much as you'll enjoy cooking with it!

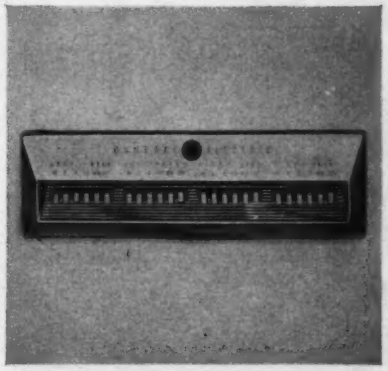
It's in two separate pieces which means that, at last, your own personal workroom can be planned for you and your cooking habits. The big, de luxe oven goes at the height you find most comfortable. Widely spaced cooking units may be put near food-preparation center or snack bar.

Units are simplicity itself to install. They slide easily into standard-size cabinets. And, what wonderful color news: ranges, cabinets, Textolite® counter tops, other G-E major appliances—even paint for the woodwork, all come in identical G-E Mix-or-Match colors.

This stunning blonde kitchen gives you an idea of the decorative possibilities of the G-E built-in. Separated oven and cooktop have their own food preparation and receiving counters . . . ideal for a busy cook or for a family that works together.

Here, a handsome petal pink built-in by General Electric fits sleekly into wall and counter, lets you plan a round-the-corner dinette for family meals and festivities. A kitchen as lovely as this can become the most popular room in your home.

Oven holds a huge meal. It's the same extra-wide, flood-lighted oven as in all de luxe G.E.'s. "Starlight" grey interior makes it a joy to work with. "Focused Heat" broiler cooks meats the delicious "charcoal" way. Fully enclosed Calrod® bake and broil units pull out for easy oven cleaning. Non-staining oven vent protects walls and cabinets.



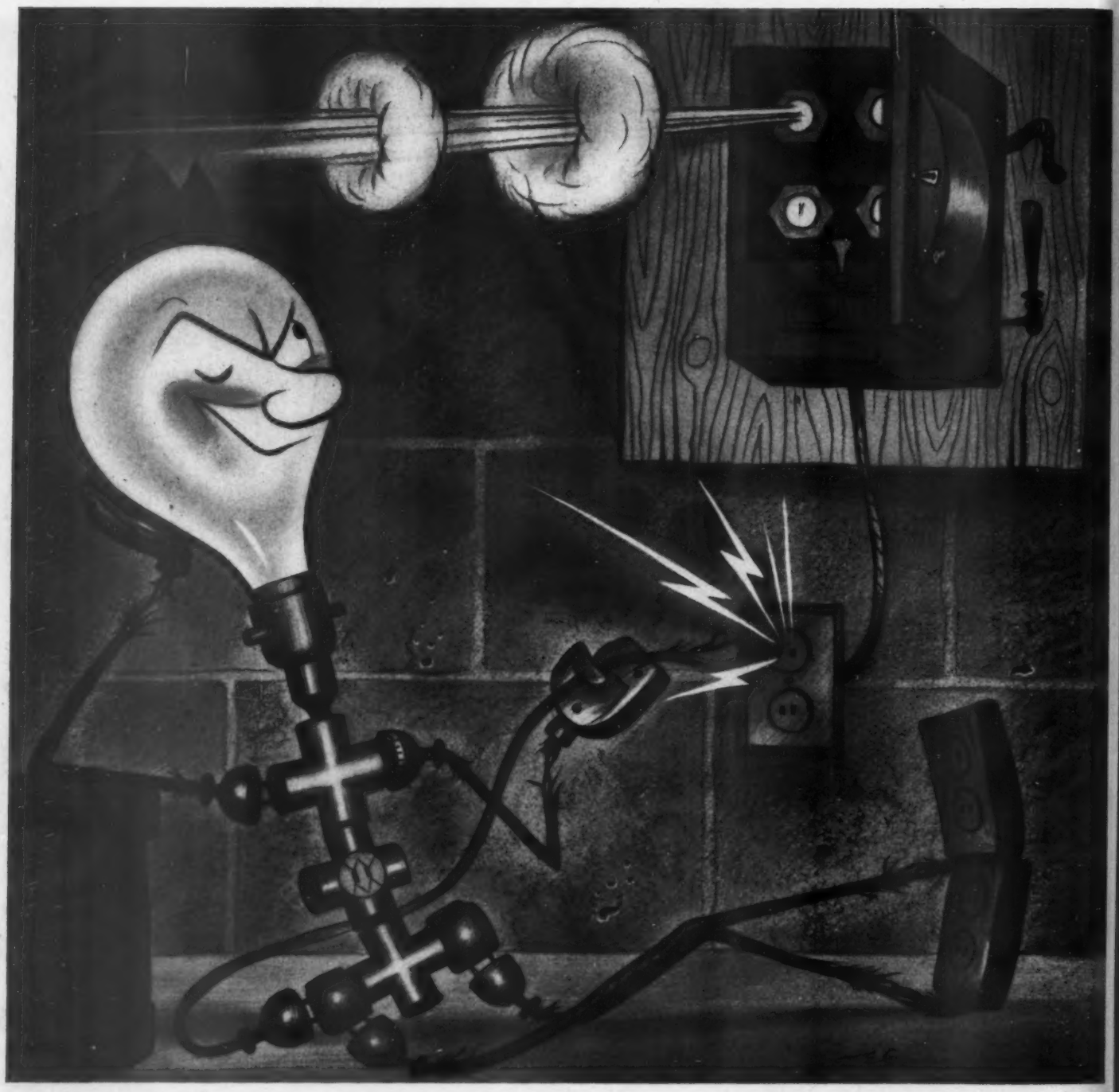
Pushbutton controls give G-E Speed-Cooking. Four surface units—one—the new EXTRA-Hi Speed giant—are staggered to leave room for largest pans. Pushbuttons mount in front of cooking surface or over it in wall. Drip pans pull out through cabinet doors. Cooktop fits 36-inch base cabinet. Takes about same depth as single drawer.

New oven-and-minute timer "watches" meals while you're away. Two simple clock settings and dinner cooks; heat goes off "by itself." For shorter baking or boiling jobs a buzzer lets you know when cooking time's up. Timer and oven-controls are installed over oven . . . up where you can see them, out of the way and protected from spillovers.

Speed-Cooking ranges . . . so safe, so clean, so dependable

GENERAL ELECTRIC

FUSE-POPPER!



Is Skimpy Wiring haunting your home?

Do your electrical fuses keep blowing, or your circuit-breakers tripping? Here's the little character who's to blame . . . Skimpy Wiring, the electrical delinquent who plagues every *inadequately wired home.*

Not only does Skimpy Wiring cause fuse troubles, he affects your appliances. Slowly-heating toasters, broilers...sluggish vacuum-cleaners, electric razors . . . lights that flicker or dim . . .TV pictures that "wince" or grow small—all are signs that Skimpy Wiring is up to his mischief!

Skimpy Wiring can be dangerous, too. Weak, undersized wires, overloaded circuits, improper fusing, can lead to fire!

It's easier and can cost less than you think to change to full-powered, efficient *copper* wiring. Ask your electrical contractor or your local power company.

Get Free Booklet! Write for your *free* copy of "THE ABC OF HOME WIRING." Address Kennecott Copper Corporation, Dept. B-56, Box 238, New York 46, N. Y.

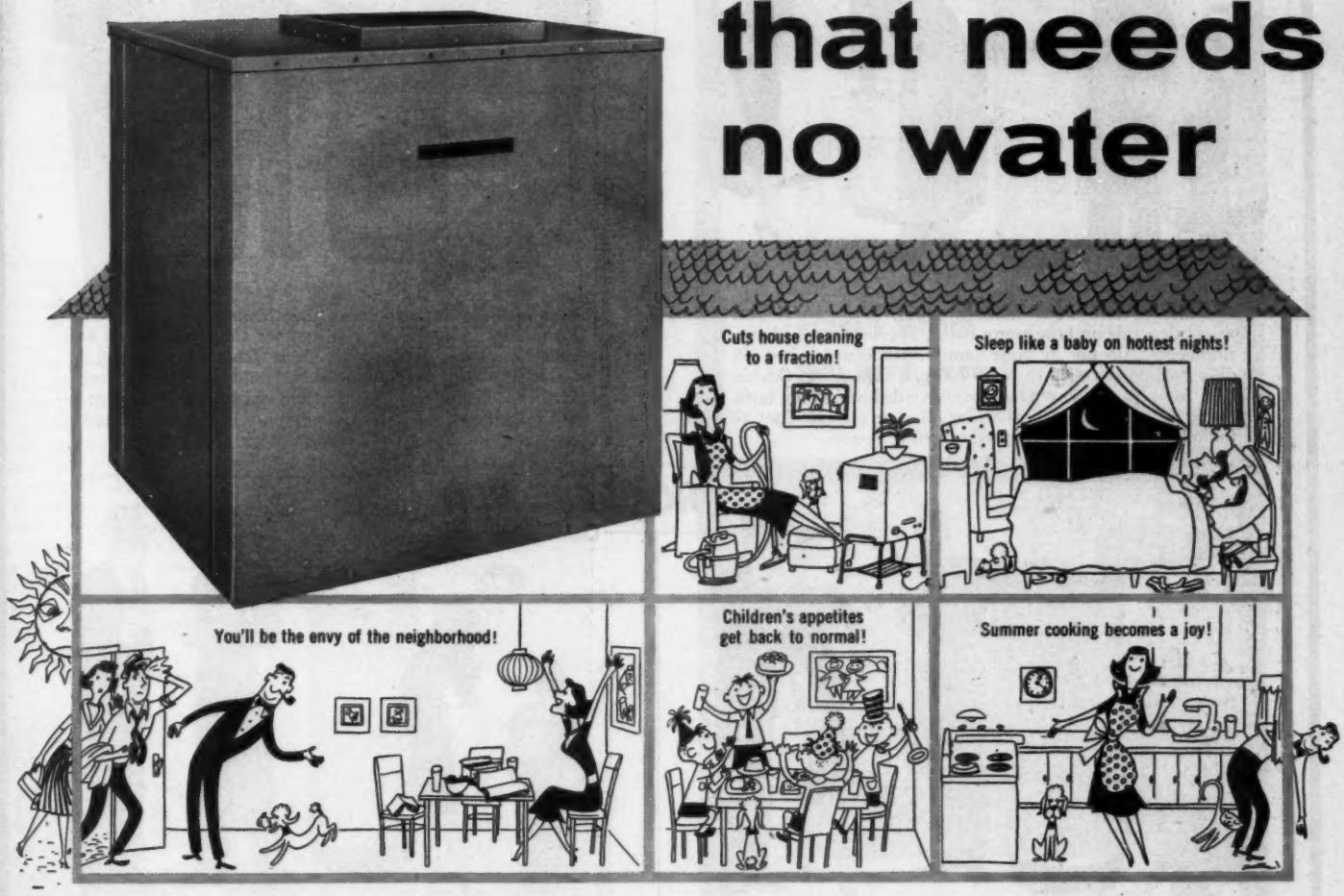
Your electrical industries sponsoring
HOUSEPOWER

Kennecott Copper Corporation

Fabricating Subsidiaries: CHASE BRASS & COPPER CO. • KENNECOTT WIRE & CABLE CO.

Westinghouse announces

New-Complete Home Air Conditioner that needs no water



"More Cooling Per Dollar" saves you money these many ways:

Low unit cost only part of the story! Now you can save hundreds of dollars on complete home air conditioning. This new waterless unit costs less than most other models.

Converts your present forced warm air heating system to year-round air conditioning . . . and at a cost never before possible. Uses existing duct-work—saving additional expense. This unit can more than pay for itself when you sell your home.

Uses no water! No plumbing is necessary. No expensive water tower installations. Forget sewerage and septic tank problems.

Fully rated air conditioning! Engineered with exclusive special reserve capacity. Provides cool comfort—in every room—even on the hottest, most humid days.

Install indoors or out . . . basement, utility room, garage, breezeway, roof or yard. Handsome weatherized unit takes very little space.

Free Twenty-page Booklet!

Tells how *you* can afford to own complete home air conditioning!

- ★ See 11 Westinghouse units designed for economical complete home air conditioning.
- ★ Learn 14 ways to save money when air conditioning your home.
- ★ Read 6 ways to finance air conditioning.
- ★ Find out what to look for in buying complete home air conditioning.

Tear Out and Mail Coupon Now!

Westinghouse Air Conditioning
Dept. BH-2, Box 510, Staunton, Va.

Please rush my 20-page booklet—*"Westinghouse Homeowner's Guide to Central Air Conditioning."*

☐ We are buying a new home.

☐ We want to air condition our present home.

We are ready ☐ now.

☐ In 3 months. ☐ This year.

NAME.....

ADDRESS.....

CITY.....ZONE....STATE.....

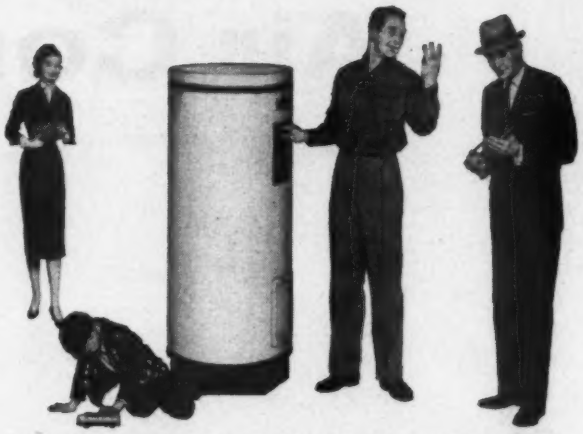
J-80608

YOU CAN BE SURE...IF IT'S Westinghouse

FULL HOUSEPOWER LETS YOU LIVE BETTER . . . ELECTRICALLY

Need a water heater? This time make sure!
Use this guide to select the one with lasting value

Consider several sizes, models, types. The model you select depends on how many baths, appliances you have, number of people in your family. Heatmaster has 56 different models – 20 through 100 gal. capacities! *One* is best for you. Choose glass, zinc-bonded or stone tank lining depending on local water. Gas or electric fuel – table top or round for kitchen or utility space.



Be sure these three features have lasting quality – Look for quality in details. Check these 3: *Controls:* should be easily available, dependable. Each Heatmaster control is tested 3 times; *Pipe Connections* should be welded to prevent spot corrosion at joints. Screwed-in connections are not satisfactory!; *Burners* should have individually hand-drilled flame holes (like Heatmasters).

Let **HOUSEPOWER** Trade Mark Do It

Heater life-span important – local conditions vary – You get the best value by picking the right unit for your water conditions. That's why there are 3 Heatmaster tank linings. *Zinc-bonded* Heatmasters are excellent for most areas – top value. *Glass-lined* Heatmasters are also long-lasting and are recommended for certain areas. *Stone-lined* Heatmasters are best for "tough" water areas.

Ask for written Protection Plan – Once satisfied about (1) Quality of details, (2) Type of tank for your area, (3) Size, (4) Beauty – be sure to ask for a written Protection Plan, or warranty for your new water heater. The Heatmaster dealer will provide one, extending from *3 to 20 years!* Guarantees on zinc-bonded and glass extend to 10 years – stonelined to 20.

C-E

Heatmaster®

AUTOMATIC WATER HEATERS

a full family of water heaters with a full family of features

C-E Heatmasters carry the AGA seal of approval for all gas models; the Underwriters' Laboratories approval and listing for electric models. Gas models available for natural, manufactured, or Liquefied Petroleum (bottled) gas. Available in all models and sizes, both gas and electric.

Manufactured by **COMBUSTION ENGINEERING, INC.,** *Home Equipment Division, Chattanooga 1, Tennessee*

How to recognize carpet quality

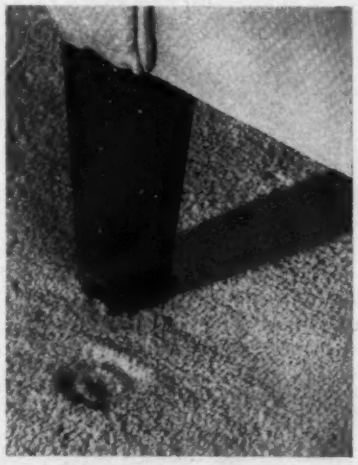
Begins on page 135

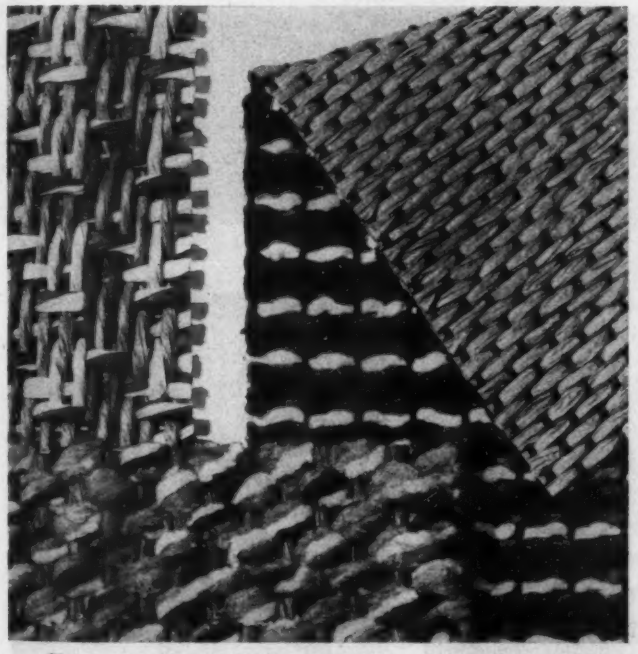
If two carpets are equal in twist, weight, and closeness of pile, the one with the deepest pile should wear the longer, feel more luxurious under foot. Again, the more pile per square inch the better quality

Resilience, or ability of pile to spring back into place, is important to avoid a matted, worn-out look in carpets. It varies according to kind of fiber, amount of yarn in pile.

To test for resilience, put samples of carpets you are considering under the legs of a chair overnight. Then see if indentation disappears when you move the chair away.

The inevitable shading that appears on solid color, cut-pile carpets shouldn't be confused with lack of resilience. Even the best quality cut pile tends to show light and dark areas. Vacuuming generally removes some shading.





Close weave shows kraft-fibre rug quality. All are inexpensive, even the best quality blends. They are reversible (some with a different color or pattern on the back—like the one on the right). When one side is soiled, you can turn up a fresh side.

Or, try an all-fibre carpet that can be painted (that's right, *painted!*) a different color. Perhaps you'd prefer a mixture of fibre and wool or cotton. Wool shows soil least, is softer, less informal.

Fibre carpets should be used without a pad. Pressure on the rug into anything soft causes constant bending of fibre, faster wear.

More on page 188

NOW . . . here's real

HOUSEPOWER

TWIST IN ELECTRIC OUTLETS . . .

exactly where you want them!

Electrostrip®

PATENTED

Not enough outlets to plug in your lamps, radios, clocks, TV, kitchen appliances? Try new Electrostrip—and enjoy real electrical freedom! It's *every inch an outlet* . . . neat, safe . . . gives you all the outlets you need *right where you need them.* Lets you arrange furniture as you like it . . . eliminates the hazards of overloaded wall sockets and long, unsightly extension cords, too.

Call Western Union by number and ask for Operator 25 for the name of your nearest Electrostrip contractor. Or Write BullDog Electric Products Co., Detroit 32, Mich.

©BEPCO

Guaranteed by Good Housekeeping

Before you begin to remodel, you should know what it takes to say

"We did it ourselves"

Almost two years . . . but worth it

By Elizabeth Gilrain

Make no mistake. This business of doing your own work when you're remodeling or redecorating isn't easy—but it's not without its rewards. The Wilbur Bassetts will tell you that. They'll tell you that if you want a worthwhile job, you can't put a time limit on it. They spent almost two years remodeling their Spanish-style home, and they had to solve plenty of window and wall problems, square off coyly arched doorways, remodel a squat fireplace, and brighten a house that had slipped into timid, tan mediocrity.

Will Bassett owned a power saw and had a yen for working with wood. Mrs. Bassett had a natural flair for fabrics, but she spent many weeks in a furniture-upholstery class before the investment began to pay off in her own home. [*Turn to page 192*

Draperies hide two small windows. Will built cabinet for firewood next to the fireplace. Mrs. Bassett upholstered the sofa

BEFORE

AFTER

Photographs: de Gennaro

Easiest way to remodel the fireplace was to cover niche and brickwork with wood paneling. A new raised hearth and a frame of green slate give the fireplace added dignity. Large window (left) is two French doors covered with secondhand shutters. Mrs. Bassett made the lamp from a roller used for printing wallpaper

Will built a radio-phonograph cabinet at the left of the fireplace. Oak-stained like paneling, it matches one on right used for firewood

At home, we picnic in style

"Time was when people went *out* on picnics—with makeshift plates and utensils, but with very genuine ants. Nowadays, we picnic in our own backyards—and do it in comfort and *style*.

"Just because we eat out-of-doors, for example, is no reason we should forego civilized plates—or even our Gorham Sterling. Fact is, we've found that the more frequently we use fine silver like Gorham, the less care it requires. Besides, we're proud of our Gorham Sterling."

For 125 years, now, the name Gorham has meant the very *finest* in solid silver. More American tables are set with it than any other make. If you haven't bought Gorham for your home yet, you'll be interested to know there are more Gorham patterns to choose from than in any other make—and that you can match or add to your Gorham service even years later.

A complete Gorham place setting—knife, fork, spoon, soup spoon, spreader and salad fork—costs as little as $29.75*. Settings for 8 in an attractive wood chest start as low as $238*. And you'll find convenient budget plans at most authorized jewelry and department stores that give you as long as a year to pay. Why put off dining graciously—with real Gorham Sterling—another day?

A Gorham Exclusive... made from a seamless sterling tube, the Gorham knife handle will resist denting if accidentally dropped. It is completely watertight—there are no seams to open or discolor. Washing in the hottest water will not loosen the blade.

Gorham STERLING

America's Leading Silversmiths Since 1831

125th Anniversary

*PRICES INCLUDE FEDERAL TAX. PRICE SUBJECT TO CHANGE WITHOUT NOTICE.

© 1956 BY THE GORHAM COMPANY, PROVIDENCE, R. I.

Our small house seemed large enough when we moved in 5 years ago. But with four children, we wanted more space, more interest than our stock plan offered

To give living room our special flavor, we added fireplace (designed and built it ourselves). Fireplace is on garage wall, so we let woodbox open on both ends

We made a small house do a big job

By Mary Fenton

IT WAS BUILD ON OR BUST! But even with an addition, we still lived in a small house with small rooms that simply couldn't contain four youngsters, two adults, and all their possessions. *How* we contained them is the story we told *Better Homes & Gardens*, translated by the pictures you see here

By any standards, the Fenton family of Great Falls, Montana (that's us) lives in a small house—1,150 square feet. When we moved in 5 years ago, it had two bedrooms and just under 800 square feet.

That's when Ray and I rolled up our sleeves and set out to make this house fit our family. Our first project, a 15x26 addition, located itself. It attached behind the garage, creating an L-shaped plan that gets our house away from the typical boxy look and gives the children a room for play and sleep away from the living room.

But we couldn't afford the kind of addition that was a final answer. So, we learned about built-in storage, zone planning, and dual-purpose space.

We couldn't give each boy his own room, so we gave them as much private property as possible. Drawer handles of block initials mark individual storage areas. Sliding doors are backed with blackboard hardboard.

Keeping tab on growth, Ray has notched a measuring board. These are things that make room fun for children (from left, Janice, 3; Neil, 8; Bruce, 6; Ross, 4).

←

Shaded in blue are additions to our small row-type house.

The wing with the boys' bedroom and playroom, a bath, and my "office" is the only new *space*, but we built in new *storage* in every room.

Even with the new wing at left, our rear yard was still just another back yard. Ray and I built the brick barbecue and laid flagstone in scatter pattern.

Yard is easy for me since kitchen faces here and children have their own entrance from playroom—to come and go without tracking through the house.

Neil's bed folds easily into wall. With lower bunks in order, "dormitory" becomes playroom. Corduroy spreads and foam-rubber backs convert bunks to benches. Cushions are screwed to backs.

We built in radio and phonograph, too, so children could be completely independent of adult area for their entertainment.

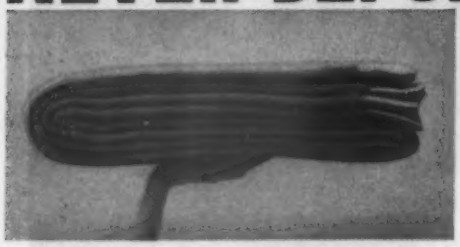
Photographs: Reynolds, Photography, Inc.

We came as close as we could to a store-all wall for the children (even stores them). Each of three boys has his own compartment.

Drawers under bunks are for bedding, seasonal clothes, unseasonal toys. Top bunk is hung on chains bolted through wall. Each boy has his own shelves and bulletin board.

More on page 184

NEVER BEFORE A BLANKET LIKE THIS!



Never such fingertip lightness! Just caresses you . . . yet keeps you snug 9 months of the year!

Never such easy washability! Comes out of the washing machine as soft and fluffy as before!

Never before such shrink-resistance! Folds perfectly, tucks in deeply even after many washings!

the remarkable *lightweight* 100% Acrilan blanket by Fieldcrest

Now . . . a blanket that ushers in a new age of comfort! This blanket puts just 2 pounds between you and the chill . . . enough to keep you comfortable 9 months of the year, yet not enough to weigh you down for a single sleepless moment! Here (at last!) is a blanket that's not just lightweight . . . but the right weight. And only 100% Acrilan acrylic fiber made it possible!

And there's more to tell. No lightweight blanket was ever so rich and fluffy. Or so washable, either! It's *machine-washable* . . . with no fear of shrinking, no danger from matting or boarding. It wears for ages, is non-allergenic and immune to moths and mildew, and comes in a whole bouquet of colors. Why settle for an ordinary lightweight blanket . . . when you can own the wonderful 100% Acrilan blanket?

LIGHTWEIGHT BLANKET $10.95 • REGULAR WEIGHT BLANKET $14.95 • ALL PRICES SLIGHTLY HIGHER WEST OF THE ROCKIES

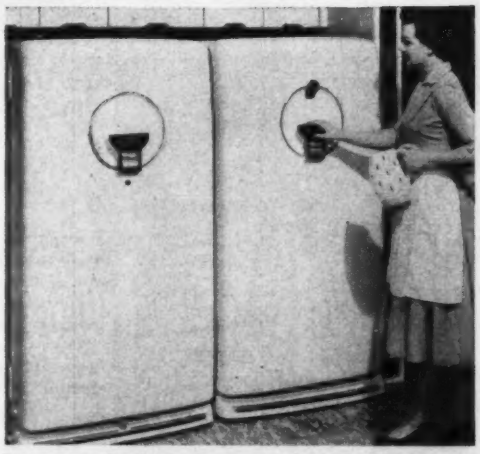
THE CHEMSTRAND CORPORATION, 350 Fifth Ave., New York 1 • PLANTS: ACRILAN® ACRYLIC FIBER—Decatur, Ala. • CHEMSTRAND® NYLON—Pensacola, Fla.

Look what's new for 1956 kitchens

Continued from page 128

Wide, wide oven door extends the full width of this 36-inch range. Spacious oven turns out six evenly browned pies—three for company, three for the freezer. The big window lets you watch popovers "pop," cakes rise high

Sectional refrigerator and freezer can be parked on lower base cabinets to give built-in look; avoid building costs. Look-alikes are 33½ inches wide. Team up in any one of a variety of installations



Partners in food storage—a unit that's all-refrigerator and a matching upright freezer. Together they offer 28 cubic feet of fresh- and frozen-food storage. Your color choices are: yellow, pink, pastel green, as well as white

More on next page

Which agent should you see?

See Your CENTRAL Agent . . . for three reasons:

1. YOUR CENTRAL AGENT KNOWS YOUR TOWN. He's a neighbor of yours, a respected citizen, and a man you'll like as a friend. He recommends coverages—based on his thorough acquaintance with local conditions.

2. YOUR CENTRAL AGENT KNOWS INSURANCE. He's an insurance expert—a professional who works at insurance full time . . . every day. His knowledge and experience give you the best protection at the least cost.

3. YOUR CENTRAL AGENT REPRESENTS A GOOD COMPANY. CENTRAL is one of America's strongest. Its reputation is outstanding for prompt service and prompt payment of claims. You save money on insurance costs, too—because CENTRAL pays policyholder dividends. If you're insuring a new home . . . if your policies are up for renewal . . . or if you suspect you're under-insured . . . talk to your local CENTRAL man. He'll advise you well. For the name and address of your local CENTRAL Agent, check the "Yellow Pages" of your telephone directory, or send in coupon below.

As part of his service to you, your CENTRAL AGENT would like you to have this interesting booklet—"260 Timely Tips for Homemakers"—free, with no obligation. Just drop the coupon in the mail.

Central Mutual
INSURANCE COMPANY
VAN WERT, OHIO

More than 4,500 agents in towns and cities throughout the U.S. and Canada

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☐ Please send me a free copy of "260 Timely Tips for Homemakers."
☐ I'd like to know the name and address of my local CENTRAL Agent.

I'm under no obligation, of course.

Name_____
Address_____
City_____ State_____

Give the bride beautiful MELMAC® dinnerware

To serve her happily ever after!

To make her dining pure joy, give her Melmac, the beautiful dinnerware she can drop at a kiss and pick up—undamaged—with a laugh! Melmac . . . smartly designed, colorful and easy to wash . . . will complement her cherished linens and silver, setting lovely tables morning, noon and night.

Melmac quality melamine dinnerware is guaranteed by its molders for a full year against breaking, cracking and chipping.

Melmac is quality molded dinnerware but not all molded dinnerware is Melmac.

Melmac is found in leading stores under individual molders' brand names. Look for the Melmac tag.

CYANAMID

MELMAC is the registered trade-mark of American Cyanamid Company, New York 20, N. Y., supplier of molding compounds to manufacturers of quality melamine dinnerware.

Look what's new for 1956 kitchens

Continued from preceding page

Off-center waste disposer and drain make news in this kitchen sink and give you extra undersink storage.

This way, you can stack and rinse plates on left side of sink; disposer is still free to collect food scraps.

You'll get perfect results with any pan on this automatic top burner. Set temperature from 130 degrees (to keep foods warm) up to 400 degrees.

Chart on pull-out drip tray gives correct time and temperature for various foods.

Mammoth storage shelf on refrigerator door brings food out to you; is about 18 inches from front to back.

Bin with the see-through lid keeps vegetables crisp, lifts out for cleaning. At back is parking area for tall bottles.

Built-in refrigerator-freezer has 8½ cubic feet of refrigerator space on top; and room behind lower door for 105 pounds of frozen foods.

If you like, you may have horizontal arrangement, instead of vertical setup here.

The only portable with a 5-Year Guarantee!

Now in stunning new colors...

Pink!
Yellow!
Turquoise!
Chrome!
White!

Come get the feel of Mixette—the portable with the longest guarantee you can get! See how well it fits your hand . . . your kitchen . . . and your purse! Feel the difference tested balance makes—no straining to hold it steady; this one's *easy* to handle! Take comfort in *all* of Mixette's new features!

- New 3-speed switch right on the handle
- New positive beater ejector
- New longer beaters for *complete* blending
- Stands on end (flat base for easy draining)
- Handy wall bracket for easy storage

$21.50 (chrome) $19.50 (turquoise, yellow, white, pink)

(Includes bracket and screws for wall mounting—smart gift package!)

$2,800.00 in Prizes!

Free mixers and vacuum cleaners to winners of the BETTER HOMES & GARDENS HOME IMPROVEMENT CONTEST

128 Mixettes to qualifying winners!
16 Liqui-Blenders to division winners!
3 Combinations of a Food Mixer, Liqui-Blender, Home Drink Mixer, and "Deep-Clean" Vacuum Cleaner to grand prize winners!

New Hamilton Beach Mixette

Choose from the most complete selection in mixers . . . all guaranteed 5 years!

New Food Mixer
ends "hit-or-miss" mixing. Combination of new beaters and Bowl Control *beats everything* without spatula. New Mix Timer (optl.) **$39.95** white; chrome **$10** more.

New Liqui-Blender
has new "Cut-'n-Fold" action that blends faster, cuts finer, for the quickest, easiest food-fixing ever! 2 speeds. **$39.50** white; **$44.50** chrome.

Home Drink Mixer
makes real soda-fountain drinks! Youngsters (of *all* ages) have a great time making those rich malteds you eat with a spoon; tasty fruit drinks. **$22.00**

HB

HAMILTON BEACH CO., Div. of Scovill Mfg. Co., Racine, Wis.

Nobody reads the directions

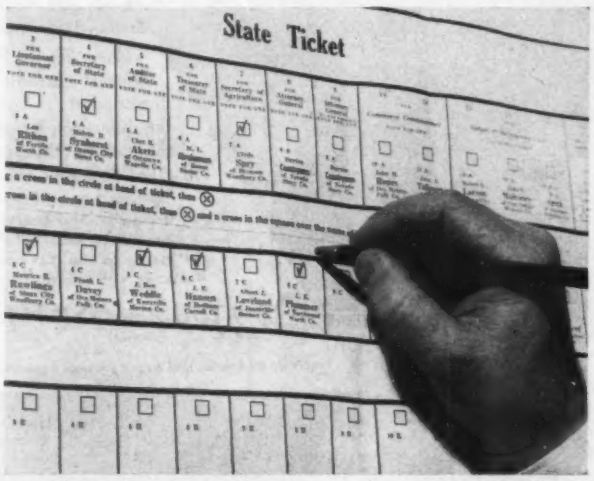
Begins on page 156

the charge that we are a nation of instruction-ignorers. Housewives offend on scores of counts. Dad's habit of dispensing with the directions is equally common. Even Junior is a small-print sinner. One leading maker of coin register banks for youngsters is flooded regularly with the same complaint: "I can't open my bank because you forgot to enclose the key." The thrifty moppets would have been able to gain access to their hoard of coins if they had taken the trouble to read the directions, stenciled in gold lettering on the back of the toy bank, "Bank will not open until register shows $5 deposited; then, to remove contents, press brass-plated door at bottom."

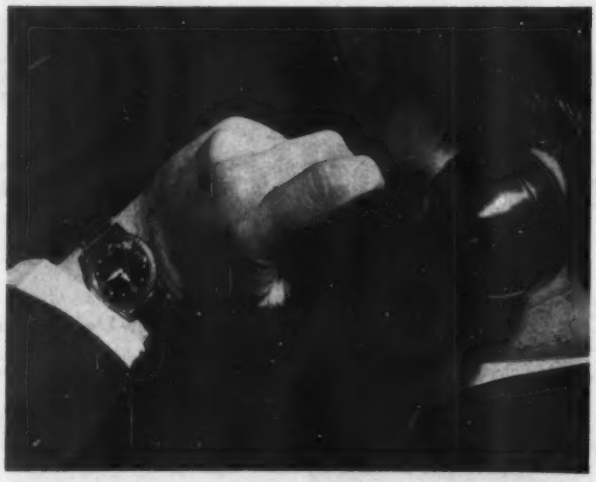
All of the blame can't be placed on Mother, Dad, or even Junior. In many cases you'd have to purchase a magnifying glass along with the product to be able to read the directions. They're usually there, all right, but often in mighty small print. However, directions which are put in good, legible type, stated in plain words, and easy to find on the product, fail to provide the purchaser an excuse for dissatisfaction in use of the product.

According to your Uncle Sam, the average citizen's "directional IQ" is so low it's appalling. Although millions of Americans own Series E government savings bonds, few ever take the trouble to read the instructions concerning redemption printed on the back of each certificate. Consequently, cases occur every day when cash-needy bond owners try to redeem a bond a few weeks after having bought one. They are shocked to learn that they cannot receive payment until "two months after issue date."

The woes of the internal revenue men, who bleed annually because of the hundreds of thousands of taxpayers who ignore or misread the instructions on the income tax form, would fill a book. And in



"Ticket is void if not marked properly"

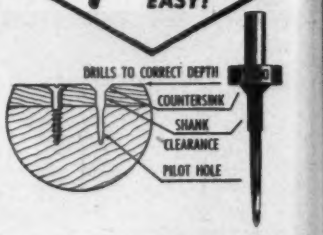


"Reduced rates—from 6 p.m. to 4:30 a.m."

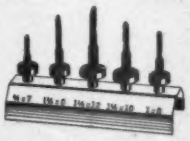
STANLEY

Screw-Mate.

4 JOBS AT ONCE... EASY!



Every screw you drive in a Screw-Mated hole has maximum holding power and fits exactly . . . does a real, professional job!

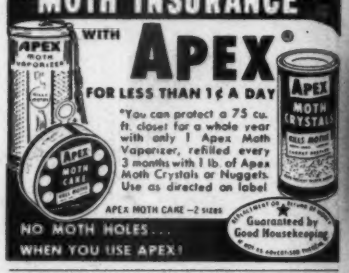


GET A SET FOR YOUR WORKBENCH

Screw-Mate Set No. 1525B

Stanley Screw-Mate is at your hardware store in 22 sizes @ 75¢ each . . . 2 large sizes @ $1.25 each. If your dealer can't supply you, order this handy holder with 5 most popular sizes — ¾" x #7, 1" x #8, 1¼" x #8, 1¼" x #10, 1½" x #12. Ask for No. 1525B and enclose check or money order for $3.69. Send to Stanley Tools, 195 Elm St., New Britain, Conn., and set will be forwarded to you postpaid by return mail.

You Get ALL-YEAR "MOTH INSURANCE"*



WITH **APEX**®

FOR LESS THAN 1¢ A DAY

*You can protect a 75 cu. ft. closet for a whole year with only 1 Apex Moth Vaporizer, refilled every 3 months with 1 lb. of Apex Moth Crystals or Nuggets. Use as directed on label

APEX MOTH CAKE—2 sizes

NO MOTH HOLES . . . WHEN YOU USE APEX!

Guaranteed by Good Housekeeping

"Well Dressed Windows"

A new 35 mm, 75-frame filmstrip by *Better Homes & Gardens*. You'll see dozens of exciting window treatments in full color, including cafe curtains, priscillas, traverse draperies, and so on. Film presents ideas on how you can treat any type of window, taking into consideration such problems as lighting, privacy, and circulation.

Several views show *close-ups* of the hardware properly placed. You also get measuring and buying information.

Film, 33⅓ rpm record, printed commentary, and film brochure—$8.95. Write to:

BETTER HOMES & GARDENS
Des Moines 3, Iowa

FALSE TEETH

KLUTCH holds them tighter

KLUTCH forms a comfort cushion; holds dental plates so much firmer and snugger that one can eat and talk with greater comfort and security; in many cases almost **as well as with natural teeth.** Klutch lessens the constant fear of a dropping, rocking, chafing plate. 35c and 60c at druggists. . . . If your druggist hasn't it, **don't waste money on substitutes,** but send us 10c and we will mail you a generous trial box.

KLUTCH CO., Box 629-E, ELMIRA, N. Y.

scores of communities where voting machines have not yet been introduced, Republicans and Democrats suffer anguish each election day when they are forced to disqualify thousands of voters who have not read the directions at the top of the ballot: "Use an X to vote for a candidate." Ballots are always thrown out when an improper mark is used, even a check, instead of an X.

New York City's fire commissioner laments the fact that dozens of emergencies are not met in time every year, simply because many citizens fail to read the directions on the alarm box. When reporting a blaze, they merely shatter the glass cover of the alarm box and wait expectantly for rescue. They ignore the directions atop the box: BREAK GLASS AND PULL LEVER. Pulling the lever is what actually alerts the fire department; not the tinkle of broken glass.

Talk to Edward G. Fisher, stationmaster at Manhattan's bustling Grand Central, and you will get an earful about the direction-scoffing habits of the American traveler. He tells of passengers who buttonhole him to complain that the 8:55 is unreasonably late. A quick glance at their timetable would have told them that the 8:55 train runs only on Sundays.

Most of us welcome the extra hour of sunshine we gain when Daylight Saving goes into effect each year, but the occasion means nothing but headaches for the personnel at railroad terminals. Scores of vacationers miss their trains every day because of the switch in time, despite the fact that the envelope which contains their tickets warns that all schedules are based on Standard time.

Every year millions of Americans strive for contest prizes by submitting slogans, limericks, and 25-word statements of admiration —along with box tops. All these contests are conducted in good faith. However, according to Reuben H. Donnelley Corporation, the organization which judges many of these contests, hundreds of thousands of contestants are eliminated at the start, simply because they have not read the rules carefully.

An advertising-agency executive reports the case of a colleague who advertised British automobiles and gave his young wife a conservative little car to drive around town.

"Honey," she said one day, "ours is not such a plain car. There is a green light that always burns on the dashboard."

The husband ran frantically for the garage.

A distinctive feature of the car was that a green light flashes on when the oil in the car is so low that it is dangerous to drive it. Sure enough, burned bearings.

This suburban housewife would have known the significance of the ominous emerald light if she had bothered to inspect the instruction manual reposing in the glove compartment. A.A.A. servicemen who respond to the SOS calls of motorists marooned on the highways report that about 40 percent of all women car owners do not even know how to open the hoods of their autos. Not all men do, either.

"Then there's the matter of tires. Auto tires last a lot longer if they are kept inflated to proper pressure. When they're hot, pressure builds up. This is to be expected. But lots of drivers disregard the directions and let air out on hot afternoons to get the pressure down to what they think it should be. The result is that they carry too little air and their tires wear out faster. The book says: 'Check tires when they are cool. Do not let out air to reduce pressure after the car has been running'."

The Home Service Bureau of a large vacuum cleaner corporation finds that no matter how much time and effort is put into preparing its instruction literature, there are still many women who just don't get the point. One woman wrote that she had been using her cleaner for two months and loved it, but that she had one problem with it that needed solving. She had purchased her vacuum cleaner because the company advertised, "no dust bag to empty." She stated that she appreciated this feature, but now she had a cleaner filled with dirt and probably the "disposal" apparatus wasn't working.

If she had read her instruction booklet, she would have learned that there are paper bags that come with her cleaner and these belong in the appliance. The company wrote to her and suggested that she put one of these into the cleaner as indicated in the instruction book; and, when it became filled, throw it out and replace it with an empty one and her problem would be solved.

Perhaps the most unusual case of all in this company's files is from the woman who wanted to use her vacuum cleaner as a paint sprayer. She neglected to read the instructions which told her, for blowing, the hose should be attached at a special exhaust connection. She blithely filled her sprayer attachment with red enamel paint, flipped the foot switch, and before she knew what was happening, the paint was sucked into the cleaner. Fortunately, all of it was retained in the disposable bag.

Many appliance buyers fail to derive maximum benefits from their purchases because, by failing to read the directions, they are unaware of the numerous possible uses for the product.

For example, a manufacturer makes a multipurpose tool. Fitted with the proper gadgets, it can be a saw, a lathe, a boring mill, a shaper, can do saber-saw work, routing, and many other kinds of wood work. But many do-it-yourselfers who purchase this tool and don't read the book that comes with it, use it only as a saw.

Similarly, many owners of a vacuum cleaner are unaware that

[*Turn to page 294*

CRANE

Now...a heating plant that air-conditions in summer

Here's a new kind of furnace that doesn't take a summer vacation. It takes the mugginess out of the air and keeps your whole house crisp, dry, and cool 24 hours a day. And, when the weather turns chilly, it does an about face and keeps you warm and cozy. Despite its double life this Crane Year 'Round Air Conditioner costs only a little more than an ordinary furnace. See your Crane Dealer for complete information.

CRANE CO., 836 South Michigan Avenue, Chicago 5

VALVES • FITTINGS • PIPE • KITCHENS • PLUMBING • HEATING

HEATING

Busy families need lots of milk...busy mothers appreciate the convenience of disposable Pure-Pak milk containers. No bottles to wash or return . . . and you know you get a fresh new container everytime.

"We found our customers preferred milk in Pure-Pak and we now sell all our milk this modern way", says Glen A. Boger, Pres. and Gen. Mgr., Lehigh Valley Co-op Farmers' Dairy, Allentown, Penna.

NEW STORY OF MILK

your food dollar's biggest buy

Teen-age kitchen helpers learn early that lots of milk makes good foods better. Milk in Pure-Pak is easier to use, easier to store, safe for children to handle.

Today's families are consuming more milk than ever before. Wise homemakers have known for a long time that adults as well as children need at least three glasses of milk per day for balanced nutrition.

In spite of this growing demand, the 10-year increase in the price of home delivered milk is 14% less than the average of other foods you buy. Milk is, indeed, your food dollar's biggest buy.

Today's milk users are rapidly making the Pure-Pak half-gallon carton the "new standard container for milk". Last year more milk was sold in Pure-Pak half-gallons than any quart-size paper container.

Call Western Union "Operator 25" for the names of local dairymen offering this modern service.

Pure-Pak milk cartons are a product of Ex-Cell-O Corporation, Detroit 32, Michigan

red milk
our milk
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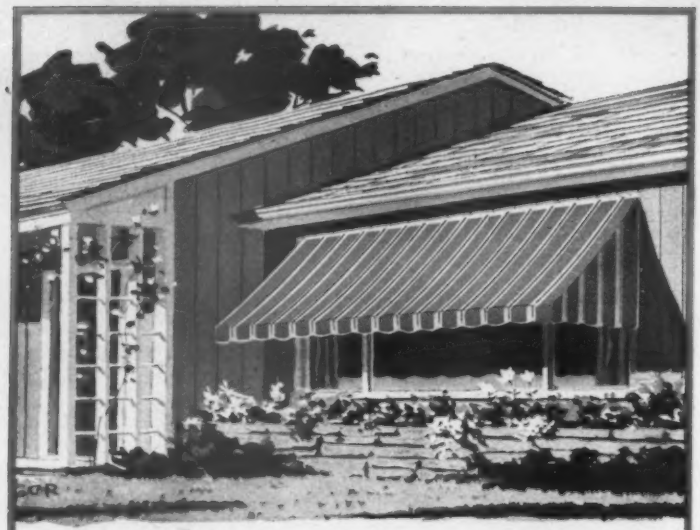


CANVAS AWNINGS

keep interiors cool and shady

Windows unshaded from the summer sun are open invitations to sweltering heat inside your house. Even with air conditioning you need to keep sun heat outside. When hot sun is allowed to strike window glass, cooling equipment works harder — at greater expense — to get rid of the heat. No wonder you see more and more colorful canvas awnings in your neighborhood! These gay guardians against summer discomfort keep rooms 8° to 15° cooler. And they cost less than half as much as rigid-type awnings. Call your canvas awning dealer. You will find him listed in the yellow pages of your phone book.

CANVAS AWNING INSTITUTE, INC.
and NATIONAL COTTON COUNCIL
P.O. BOX 9907 MEMPHIS, TENNESSEE

New ledge stone design makes it Really Modern

All it needed was the sleek modern look of Perma-Stone's popular new ledge stone design. Available in many variations, wide-and-narrow combinations, for any style of architecture. Dozens of soft, blended colors. Lovely textures. Dramatic new beauty for the home you plan to build or modernize. Permanent beauty at low cost, no upkeep expense. See your Perma-Stone dealer for free estimate, easy terms. Write for free book and dealer's name.

FREE BOOK shows both new and modernized homes. Explains Perma-Stone's many advantages — permanence, insulation, protection from fire, weather, vermin. Ways to beautify interiors.

Perma-Stone Co., Desk H-13, 719 E. Hudson St., Columbus 11, Ohio

the original moulded stone wall-facing

PERMA-STONE
Reg. U. S. Pat. Off.
for Beauty • Permanence • Strength

We made a small house do a big job

Begins on page 174

Family information center is in hall between children's quarters and my office. Bulletin board provides "scoop," as children have tabbed it. Mailboxes below (top one is ours) were made from old sewing-machine drawers.

New wing is no great burden on me either. We made sure of that — using materials like burlap fabric for draperies, natural-cedar paneling, and plastic-tile floor.

And here's my "office" . . . part of addition and adjacent to playroom so I can oversee youngsters without playing "Mother Hen."

Here, like everywhere, we had to go all out in a compact area. My sewing counter is planning desk, too. Perforated hardboard is wonderful answer to items needed right at hand. I store patterns, fabric, and mending above. Drawers have specific assignments for clippings, meal planning. Ray even worked in a pull-out board.

It's my office wall, only a longer view of it. Again, we devoted major portion of area to storage for the children. Lockers and drawers are initialed. Somehow, children take to this kind of individualized storage despite the strong flavor of organization.

The boys have a direct route to the terrace outdoors from the coat closet and boot locker. Janice has a room of her own on the far opposite end of this new wing of the house.

Living room lacked the kind of space (and size) we needed for bookshelves, so we worked them into the entrance alcove. Also, right off entrance door, we have a closet for guests' wraps (right). Our storage is all based on making use of end walls of rooms.

Here, as in all areas, we tried to compensate for small space. Children's bedroom doubles as their playroom. My office is all things to all Fentons: utility room, mud room, sewing room, and storage hall.

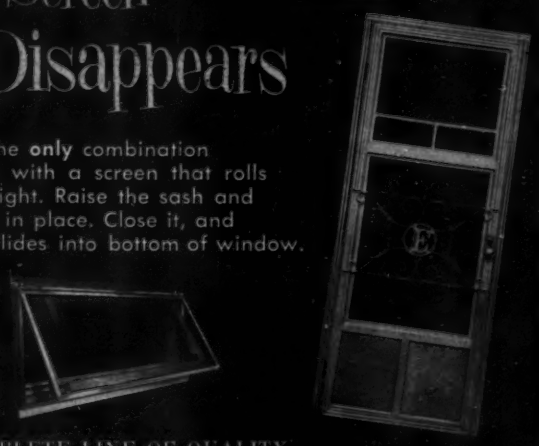
More on next page

Weather • Seal

Your guide to quality products, outstanding values in custom-built aluminum storm-screen windows and doors

The Screen Disappears

Here's the **only** combination window with a screen that rolls out of sight. Raise the sash and screen's in place. Close it, and screen slides into bottom of window.



A COMPLETE LINE OF QUALITY WINDOWS AND DOORS FOR EVERY HOME DESIGN

Sign of Perfection in Window Protection

Weather • Seal, Inc.

BARBERTON, OHIO

Available only through Weather-Seal Representatives who call at your home

A Hunter Attic Fan will
COOL YOUR ENTIRE HOUSE
for as little as **$145.00***

Inexpensive comfort for new or old homes

This low-cost cooling system fills your entire home with refreshingly cool air, even on hottest summer nights. You can sleep cool, eat cool, live cool . . . from the day your Hunter Attic Fan is installed in your home.

Fresh, outdoor breezes are pulled in, as hot, sticky inside air is forced out. Room temperatures drop 10 to 20°.

This compact fan unit rests on attic floor. Automatic ceiling shutter (photo at top) fits even narrow hallways, and its eggshell finish blends with all interior colors. The Hunter Attic Fan costs only a few cents a day to operate and will give quiet, carefree operation for many years.

***Guaranteed Performance:** Fan unit is guaranteed 5 years; motor and shutter, 1 year. Hunter Attic Fans cost as little as $145.00 for 5,000 CFM model, plus installation. Available in 4 sizes to fit all homes—air deliveries certified.

Hunter

Look in the phone book yellow pages and call your Hunter dealer.

Hunter Fan and Ventilating Co.
P. O. Box 3775-H, Memphis 2, Tenn.

Name_____

Address_____

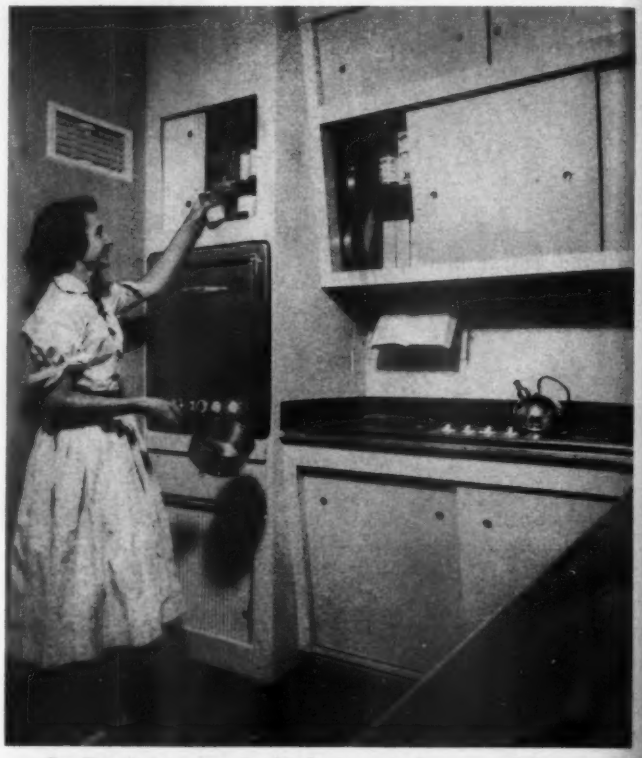
City & State_____

MAIL NOW FOR FREE LITERATURE

HUNTER ATTIC FAN

We made a small house do a big job

Continued from preceding page



Small as it is, to me our kitchen comes close to push-button convenience. Everywhere cupboards are slanted, doors slide—ideas that make our 8x9½-foot kitchen more spacious, less usual.

Here again is that place for everything—canned goods atop built-in oven; below, a pull-out breadboard and divided drawers for range utensils. Cabinets go down to the floor (vegetables and staples) and up to the ceiling (seasonal and seldom-used items).

Ray framed our silver tray and built it in the cabinet facing the dining room. All items I use in the dining room (linens, silver, china) are in this base cabinet. Even the radio is built in here.

Over the sink, he added small compartments with sliding doors for cleaning supplies—and topped it with a planter for parsley, chives, and ivy. I like our dead-end kitchen. It discourages its use as a corridor—and with four children, that's an advantage!

ASK YOUR LEVOLOR VENETIAN BLIND DEALER ABOUT—HOME IMPROVEMENT CONTESTS!

Thousands of dollars in cash and carloads of nationally advertised merchandise are available to home makers who improve their homes in 1956. To get all the information you need to help you win your share of these big cash and merchandise awards, see your LEVOLOR Dealer. In the public interest he is serving as information headquarters for home improvement contests.

OPERATION '56—the year to FIX HOME IMPROVEMENT

LEVOLOR'S OWN $1500.00 CONTEST

Simply by completing the statement... *"Why I want LEVOLOR Venetian Blinds"* in less than 50 words you may win one of Levolor's 20 big prizes NOW.

FIRST PRIZE	$500.00	FIFTH through TENTH PRIZES	$50.00 each
SECOND PRIZE	250.00		
THIRD PRIZE	150.00	ELEVENTH through TWENTIETH PRIZES	20.00 each
FOURTH PRIZE	100.00		

See your LEVOLOR dealer for full details and contest entry blank. Or, write to LEVOLOR CONTEST, 391 W. Broadway, New York 12, N. Y.

WINNERS ARE ELIGIBLE TO ENTER ALL OTHER HOME IMPROVEMENT CONTESTS.

Photographed at Permanent Home Improvement Co., Chatham, New Jersey

LEVOLOR Lace Venetian Blinds With Matching Cornice. These Venetian Blinds have all the allure of lace but are actually made of durable aluminum. To complement the lace effect, LEVOLOR'S designers have created a matching, design coated plastic tape, the strongest, most beautiful, easiest to clean of all tapes.

The matching LEVOLOR Cornice made for adding draperies gives a complete window treatment. There are no hooks, nails or screw holes to mar your walls.

Linen Fresh Venetian Blinds. These Venetians always look neat, clean and linen fresh. They minimize the dust problem. Linen Fresh Venetian blinds look so much like linen you have to feel them to know the slats are actually made of serviceable metal. They are available now in these decorator colors: pink, yellow, green, natural, grey or blue.

LEVOLOR

TRADE MARK OF LEVOLOR LORENTZEN

VENETIAN BLINDS

Custom Made by Franchised Manufacturers

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Levolor Custom Venetian Blinds are identified by the LEVOLOR Medallion on the lift cords and the spiral tassel on the tilt cords.

For the Charm of "board and batten" construction

Build with Johns-Manville

Asbestos Flexboard

the strong, tough all-mineral building sheet

You save on costs and enjoy new beauty with Asbestos Flexboard®. Made of asbestos and cement, it's as permanent as stone. Comes in large sheets, easy to handle and work. Applied over J-M Weathertite Sheathing in conventional frame construction, it builds exterior walls at lowered cost. Flexboard may be painted any color desired but never needs paint to preserve it . . . requires minimum maintenance.

On the farm Flexboard is ideal for exteriors and interiors of poultry houses, dairy barns, other buildings. Sanitary, easy to clean

In industry Flexboard has many uses, from exterior and interior factory walls to modern store fronts, outdoor theatres, fabricated products.

Johns-Manville

Send for free booklet showing how Flexboard has helped revolutionize home design. Also Flexboard for farm and industry.

Address Johns-Manville, Dept. BH-5, Box 60, New York 16, N. Y.; in Canada, 565 Lakeshore Road East, Port Credit, Ontario.

Name_____

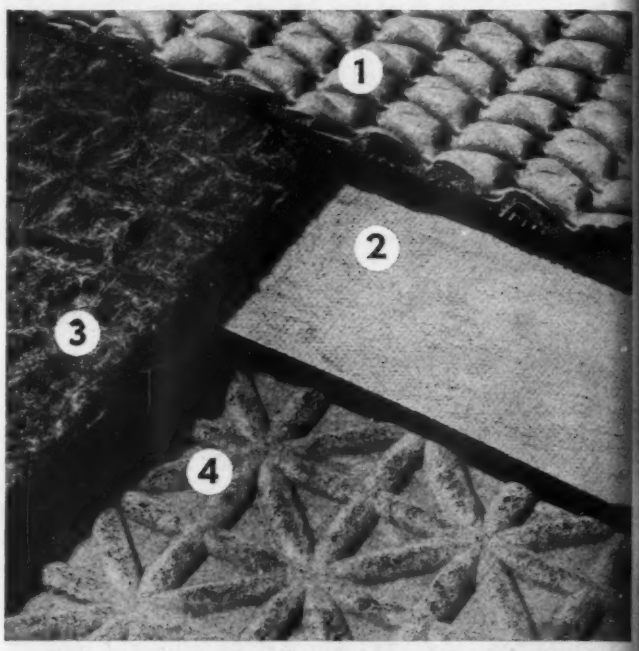
Address_____

City_____ County_____ State_____

How to recognize carpet quality

Continued from page 171

Buy good rug padding and installation

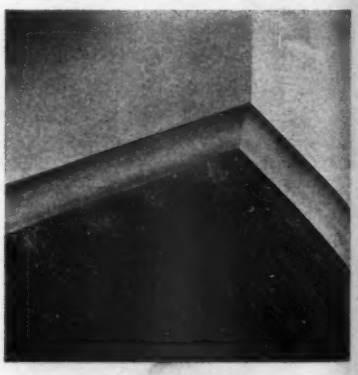


Good rug pads will add much to the beauty and wear of your carpet. Don't try to economize by padding with an old carpet, or an inexpensive pad. Even if you need many yards, the extra cost for a good pad is small compared to cost of replacing carpet.

1. Ripply foam padding gives an "up to your knees in carpet" feel, is the most expensive. 2. Foam rubber in standard 3/16- or ¼-inch thickness has flat surface to keep dust on top where it can be swept or damp mopped. 3. Hair padding (40 oz.) is springy, can be used in the South without danger of dry rot. 4. Hair padding with two rubberized sides. Waffle side forms suction to floor, allows air to circulate.

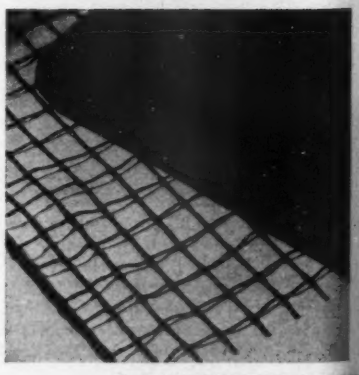
Tackless installation for wall-to-wall carpeting eliminates tack dimples. Compare left and right of corner. Smooth finish looks especially well next to fireplace hearth.

Secret of the installation is the strips of wood nailed to floor that are pierced with tacks pointing upward. Carpet is stretched onto the points (which won't show because they grip only backing).



Throw rugs won't slip and cause accidents if you use a skidproof sheeting beneath. The 24-inch rubberized mesh is about 50 cents per yard.

The ⅛-inch foam rubber comes in 24- or 36-inch widths and gives a more padded effect, but should not be used *instead of* a pad. Two widths can be joined to make a wider sheet for larger rugs.



More on page 308

this year.. the best buys in aluminum furniture will be fashioned in ALCOA ALUMINUM!

When you shop for aluminum furniture you will see many exciting new designs . . . designs which offer fresh beauty and greater comfort . . . designs so versatile that they can be used indoors as well as outside. You will see some furniture made of many materials. But, when you're *ready to buy*, remember these *five reasons* why your best buy is furniture made of Alcoa Aluminum: **1. IT'S LIGHT**—easy to move—easy to store. **2. IT'S STRONG**—replaces bulky materials and heavier metals. **3. IT'S RUSTPROOF**—resists corrosion—stays beautiful for years. **4. IT'S ATTRACTIVE**—lustrous natural finish won't come off. **5. IT'S LASTING**—durable and tough—can't ever warp or split.

Alcoa makes no aluminum furniture of its own, but it does supply millions of pounds of Alcoa Aluminum tube and other related products to most of the nation's largest and best known aluminum furniture manufacturers.

And with this tube goes Alcoa's 68 years of experience in the production and processing of aluminum. That's why, *when you buy*, the Alcoa Label—the label of *America's pioneer aluminum producer*—is your assurance of aluminum value.

THE ALCOA HOUR
TELEVISION'S FINEST LIVE DRAMA
ALTERNATE SUNDAY EVENINGS

Look for this label . . . it's your guide to the best in aluminum value.

Look for this sign at your nearby furniture or department store—it identifies a dealer of summer furniture made with Alcoa Aluminum.

light bright beautiful **Aluminum**

NOW . . . AND FOR YEARS TO COME

WE CHOSE
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MILL PRODUCTS
ALUMINUM COMPANY OF AMERICA

ALUMINUM COMPANY OF AMERICA, 2505 ALCOA BUILDING, PITTSBURGH 19, PENNSYLVANIA

CHOOSE FROM 17 TOWLE PATTERNS. ILLUSTRATED HERE FROM TOP DOWN: ROSE SOLITAIRE, FRENCH PROVINCIAL, SILVER SPRAY, OLD MASTER, (DESSERT SPOONS).

The Tōwle Touch...creates sterling to be used as well as treasured

Here, for example, are some typical Towle Touches that make Towle as practical for breakfast as for a banquet...the Towle Solid Metal Seal that weds the knife blade to handle *permanently* ...on forks, notched tine bases (design permitting) for easier washing...the exclusive Towle "Deep-Burnish" finish that helps your Towle actually "glow" lovelier the more you use it.

And who would not want to enjoy their Towle pattern as often as possible? Each pattern in Towle Sterling is distinguished by a refinement of design and restraint of execution that makes it the appropriate tableware for every occasion. (And, of course, nothing *less* than sterling *belongs* on your table.)

But while ownership of Towle Sterling is far more rewarding, Towle costs *no more* than other sterling. 6 pc. place-settings from $29.75. Serving pieces from $4.25. Why not see your selected Towle jewelry or department store today—they will be happy to help you find some convenient way to own a complete Towle service at once.

The Towle Silversmiths, Newburyport, Massachusetts

Window shutters are painted to blend with the background, giving a more spacious feeling to this wall. The two prints hung at the side of the window seem to widen this wall area and keep the sofa from looking awkward and out of balance, since it's not centered under the window

Small-room problem?

It's how you use the space that counts

The room is only 10x12, but the simple wall-hugging furniture arrangement keeps room from looking cluttered. Plan is workable

To prove it, here's a 10x12-foot room that hides its size by careful decorating ideas.

Walls, woodwork, recessed window shutters, and cotton carpet are all in the same neutral color.

Even the television console was painted the wall color. This gave the owners, Mr. and Mrs. Irwin Hirschberg, Cincinnati, more freedom in introducing bright color in accessories and other accents.

Comfort was the test each piece of furniture had to pass when the selections were made for room. The result: a livable small room.

Photographs: Hedrich-Blessing

Triangular table you saw in the photograph above can be pulled out and drop leaf raised to make it a game table. Closed, it also is used as a writing desk. Picture grouping leads eye up—a good way to "enlarge" a room's size

Smart for Summer

luxury outdoor furniture by

Lawnlite

of heavy-gage polished Alcoa Aluminum

Outdoors or in . . . lawn, patio or breakfast nook . . . there's nothing so practical . . . so easily moved. Table, 41½ in. wide, 29¼ in. high, 15 lbs. Popular "Captain's Chairs," 19½ in. wide, 5½ lbs.

Non-tip Folding Chair. Double-tube arm rests. Colorful weatherproof plastic webbing 23 in. wide, 6 lbs.

Adjustable Lounge Chair. Lies flat for sleep or sunbathing. 28 in. wide, 74 in. long, 32 lbs.

See the complete Lawnlite line at your dealer's

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Aluminum

NOW...AND FOR YEARS TO COME

Look for this label

It's your guide to the best in aluminum value

ALUMINUM COMPANY OF AMERICA
2509 Alcoa Building · Pittsburgh 19, Penn.

THE ALCOA HOUR
TELEVISION'S FINEST LIVE DRAMA
ALTERNATE SUNDAY EVENINGS

"We did it ourselves"

Begins on page 172

The going was rough for the Bassetts when they had to put in long weeks of work without much to show for their efforts. The most tedious job of the entire remodeling for Will was rebuilding secondhand shutters to camouflage problem windows. And Mrs. Bassett's struggle was with two channel-back chairs she upholstered in textured coral. She worked on them simultaneously—one in upholstery class and one at home. As soon as she'd completed one step at school, she would rush home and bring the second chair up to date. She made the base of her table lamp from a roller used for printing wallpaper. She made the white shantung shade, too, and the complete lamp took about five hours of concentrated work.

The Bassetts have plenty of determination and perseverance, but, more important, they have good taste. You don't get that in a woodworking or upholstery class. You learn it by observation and thoughtful study of attractive homes like the Bassetts'. Then you use your hands and tools and hard-won skill to come up with something really worthwhile that you're proud to call your own.

BEFORE

Brilliantly flowered wallpaper and white woodwork now brighten the stairway. Telephone niche is squared off and fitted with louvered doors above, cabinet doors closing storage space below.

Notice how shutter doors tie in with those used in living room.

AFTER

BEFORE

Small window was eliminated and storage added with a built-in storage wall that also supplies a headboard for the bed for reading lamp and books.

Mrs. Bassett whipped the bedspread together out of unbleached muslin. Monogram adds a custom touch.

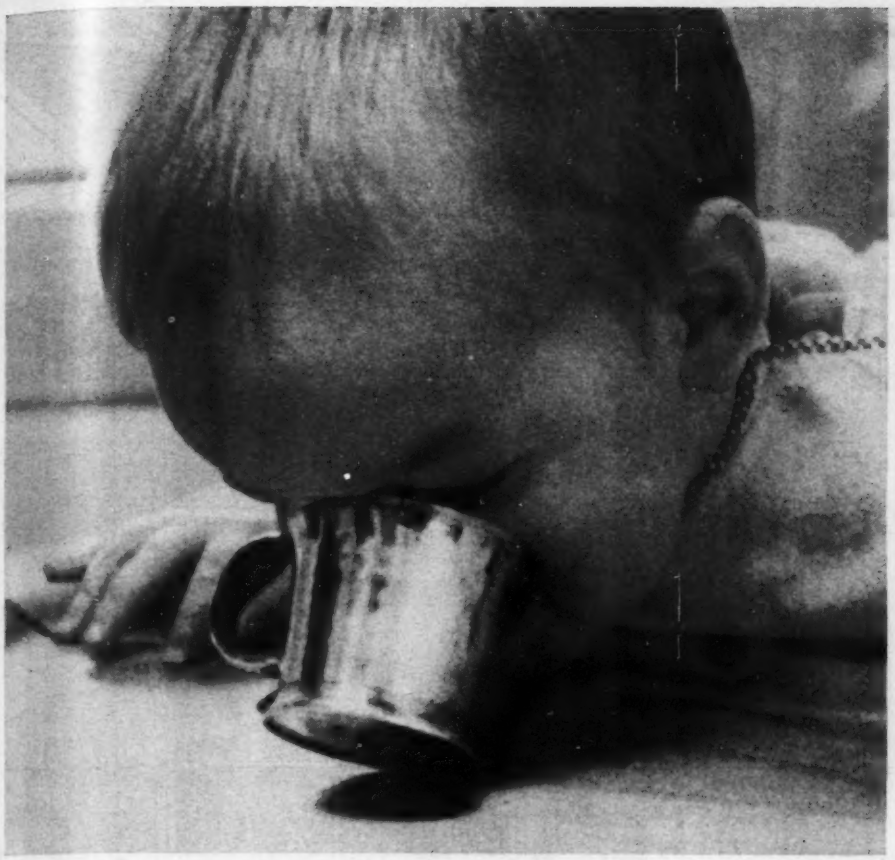
AFTER

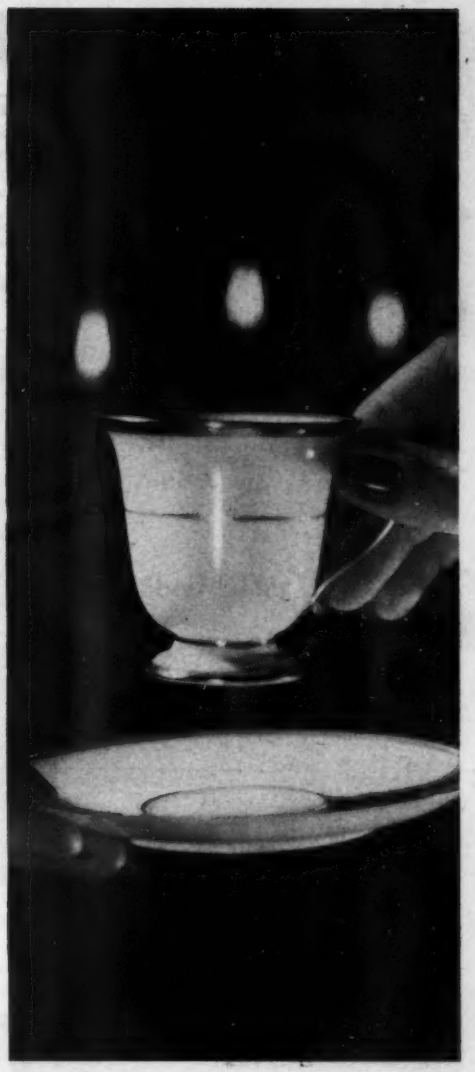
BEFORE

The Bassetts centered and squared an arched door from living room to entry hall. New louvered doors harmonize with shutters that make the high window intriguing—not so flat and long.

Mrs. Bassett painted the shutters with a brush, but says a spray gun would have saved her time and energy.

AFTER





NO DOUBTS—ABOUT THE CLEANLINESS OF BABY'S CUP—THE SPOTLESS BEAUTY OF PARTY CHINA. WITH DISHWASHER *all* IN YOUR TIMESAVING ELECTRIC DISHWASHER...

every dish is a shining tribute to your care!

*DISHWASHER *all* leaves no unsightly film which may breed germs. Formulated with new DC-T (controlled chlorination), an exclusive development of Monsanto laboratories, DISHWASHER *all* received highest detergency ratings ever scored in tests by manufacturers' dishwashing clinics.

Concerned about family health? Entertaining the boss and his wife? Then you'll love DISHWASHER *all*—because its exclusive formulation* gently yet thoroughly removes stubbornest foods from fine china, gives crystal and silver a hand-polished lustre. No wonder every leading dishwasher maker wants you to use DISHWASHER *all*.

DISHWASHER *all*.

for electric dishwashers

for automatic clothes washers

Both products of MONSANTO ... WHERE CREATIVE CHEMISTRY WORKS WONDERS FOR YOU

all is a registered trademark of Monsanto Chemical Company

New! Metal combination doors in white or any color!

For pure practicality, you can't beat a metal door. And now, you can't beat a metal door for pure *beauty*, either! Rusco brings you metal combination doors in any color you want, including a new "White Beauty" finish. Whatever the color of your home, you can match it with Rusco combination doors or add a charming note of contrast! And these new doors *stay* good looking; the finish is baked-on enamel, bonderized to the metal. Rusco doors are wonderfully functional too. The MagicPanel® operates like a window; raise it to ventilate—lower it to insulate. It's one of Rusco's many exclusive features!

For full information on the complete line of Rusco combination doors and windows, phone your local Rusco man listed in the Yellow Pages. And when you build, specify Rusco new-construction windows and doors in "White Beauty" or Silvertone Grey finish. The F. C. Russell Co., Dept. 1-B-56 Cleveland 1, Ohio. In Canada: Toronto 13, Ont. *Rusco —the greatest name in windows and doors.*

RUSCO
White Beauty
WINDOWS and DOORS

BING CROSBY BROUGHT TO YOU BY RUSCO ON CBS RADIO! Check local papers for time and station.

Young ideas for older houses:

How to cover a radiator

By Jessie Walker

Kranzlen

BEFORE. Paint and draperies, carpeting and furnishings are all the obvious ingredients to go into this old-room remodeling.

Why not include old radiators in your home-improvement plans?

AFTER. By smartly enclosing them, radiators can do more than produce a lot of hot air. Here's how the Sidney Lewis family of Winnetka, Illinois, made a decorative advantage of old radiators.

Removing metal hood, radiators were framed in wood with grasscloth front. Simple wood doweling provides heating grills 5 inches below counter top. Same treatment was used in corner for storage.

Photographs: Hedrich-Blessing

Owners built family music center on opposite wall. Hi-fi turntable, amplifier, and speaker are housed in cabinets consistent in design with casing for radiators. Handyman could build simple enclosure for radiators himself, making better use of wall space for storage and decorating. Designer: Bert Curtin Interiors, Oak Park, Illinois

Only

marvalon

the miracle decorative material—gives you matching patterns and colors in all three:

1. Shelf Lining

2. Drawer Lining

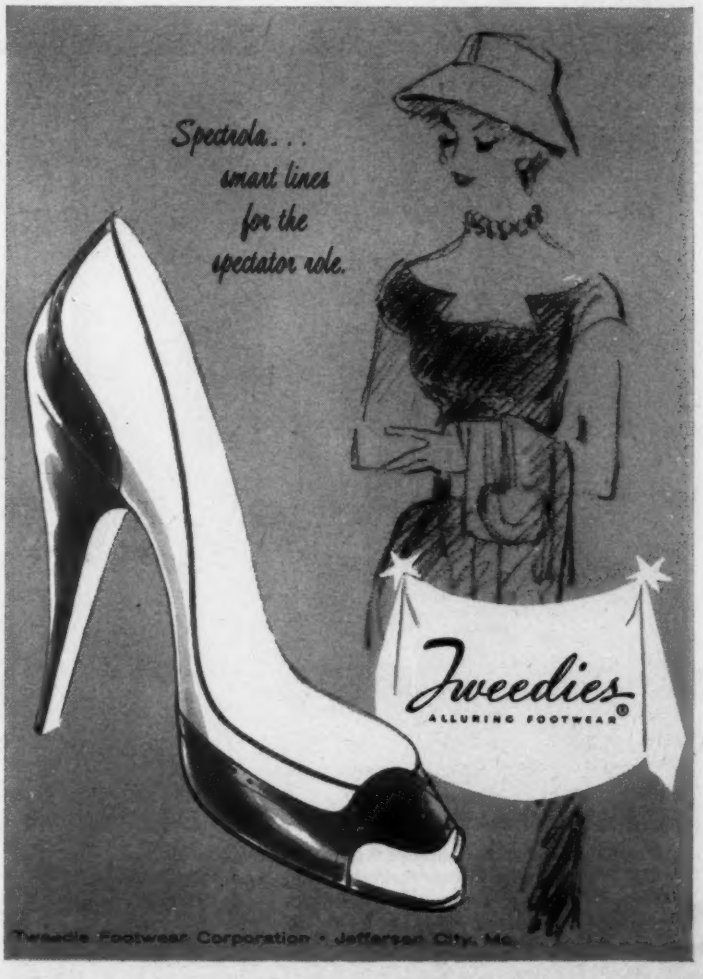
3. New! Adhesive Veneer

Guaranteed by Good Housekeeping

At leading hardware, department and variety stores.

Kimberly Clark

The Munising Paper Co., Munising, Mich.



Be a smart decorator, and you can say—

Good-bye to problem windows

Decorator: Elggren & Kamins Interiors

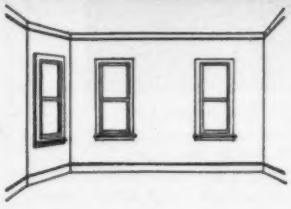
Photographs: Hedrich-Blessing; Owen

A row of windows adjoining French doors made a drapery treatment difficult in this room. To cover the window area separately would block off part of window when draperies were pulled back.

With French doors covered as part of window area, draperies can extend on wall beyond doors for an even wider window look—ideal to set off the long sofa grouping. Valance ties together windows, doors. Home of Robert Heustis, Jr., Seattle.

Decorator: Joe R. Kropps

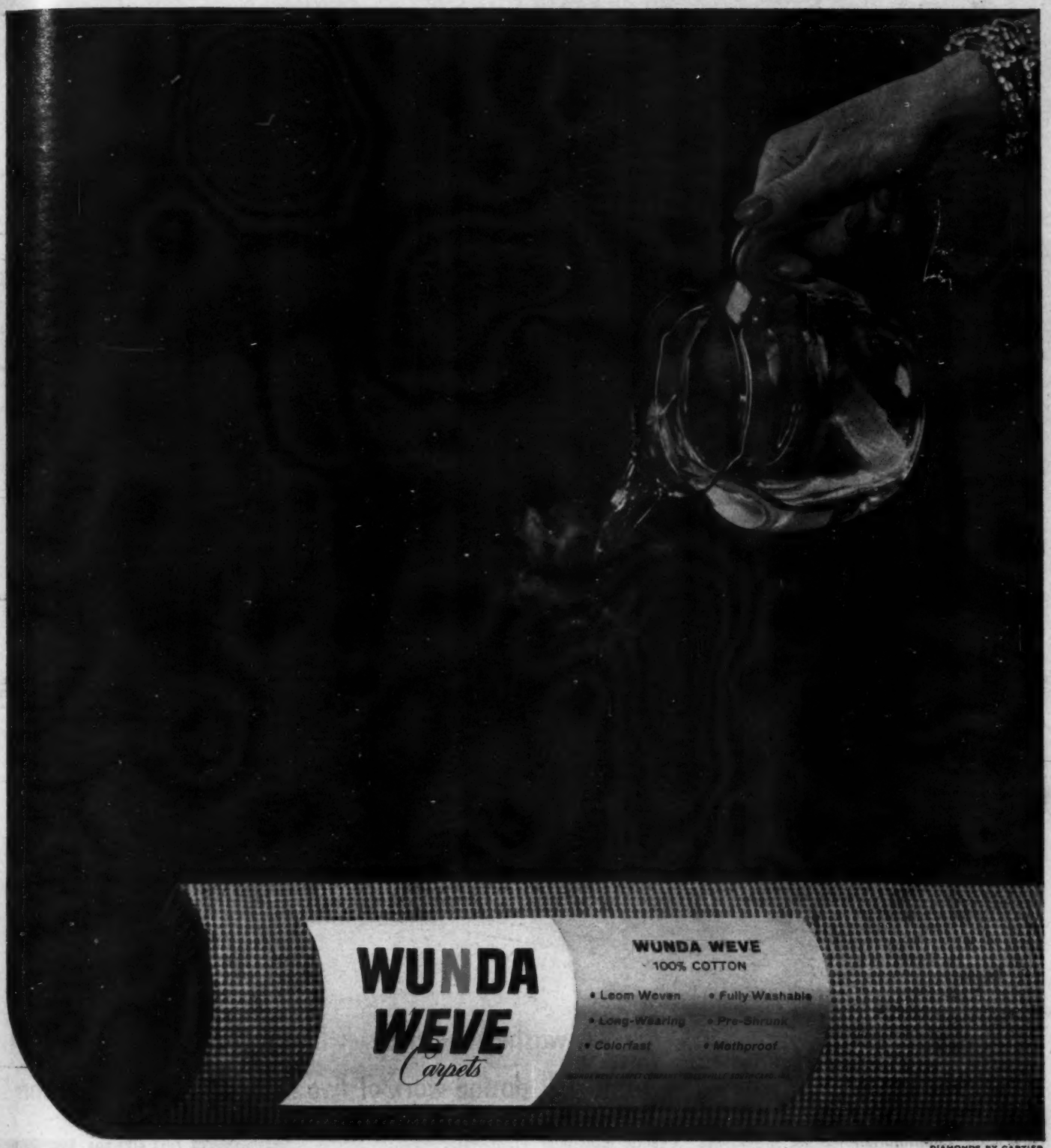
How to decorate a window alcove? With a treatment like this, you can put the alcove to work in your furniture arrangement. When draperies are open, desk is handy for use—closed, draperies are a decorative background for chair grouping. From the W. M. Stirtz home, Oklahoma City



Even small, widely separated windows can look spacious if you decorate them this way.

If covered individually, these windows would give room a "choppy" background. Floor-length draperies covering entire wall and jogging corner add a unified, dramatic look. Home of Dale Grace, Terrace Park, Ohio.

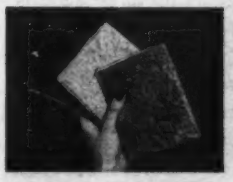
More on page 236



DIAMONDS BY CARTIER

Would your carpet pass this boiling water test?

A brutal test? Not if your carpet is Wunda Weve. Its sparkling color will come through intact! This amazing colorfastness ...unique with Wunda Weve...is the result of a two-step process: first, only the costliest vat dyes are used; second, every carpet is thoroughly pre-washed and tumble-dried. Guaranteed quality... dreamy colors... and beauty, too! For the ultimate in woven 100% cotton broadloom... insist on Wunda Weve!



CUSTOM COLOR SERVICE. Match any color—at no extra charge. Your Wunda Weve Dealer will give you details.

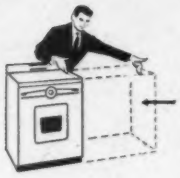
PRE-SHRUNK. Wash Wunda Weve as often as you wish. It's guaranteed to have less than 1% residual shrinkage.

LONG WEAR. The Wunda Weve Carpet Company has this proud record: never a wear complaint in its history.

EASY announces

Space-Savingest Washer-Dryer!

TUNE IN
Arthur Godfrey Time,
Mon. & Wed. 10:30 a.m. EST
CBS TV & Radio.



See the space you save! Easy takes less than half the space you'd need for a separate washer and dryer!

A washer and a dryer in one 27-inch unit!
Now one will do the work of two! You just push a button!

New Easy Combination washes, rinses, *and dries* clothes in one continuous operation. (Or use it as a separate washer or dryer.)

Put in dirty clothes, push a button, take them out clean, sweet-smelling, fluffy-dry...ready to iron or put away! And Easy does the *entire* job faster!

Full size washer and full size dryer in smallest cabinet ever! So compact, so quiet you can put it in the kitchen, even the bathroom! Porcelain top. Also available as under-counter model.

Exclusive new Tilt Tub gives each garment gentle individual Tumb-l-ator washing. Deep-Spinaway Rinse whirls out more soap and soil.

Easy uses less water and soap than other washers...yet never re-uses dirty suds! Saves up to 10 gallons of water on part loads.

Faster, gentler drying with twice the air circulation of ordinary dryers. No lint on clothes! No steam, no venting!

Save money! Buy *one* machine instead of *two.* Save time! Let Easy wash and dry while you work, shop, or sleep! Let your Easy dealer show you how little it costs to get your Easy *now!*

OLD WAY — EASY WAY

FULL SIZE TUB IN SMALLEST CABINET!
No space-wasting springs or shock absorbers needed!

NEW AUTOMATIC
EASY
COMBINATION
WASHER-DRYER

EASY WASHING MACHINE DIVISION OF THE MURRAY CORP. OF AMERICA, SYRACUSE 1, N. Y.
EASY COMBINATION WASHER-DRYERS • AUTOMATIC WASHERS • AUTOMATIC DRYERS • SPINDRIERS • WRINGER WASHERS

A new and simple way to slipcover

Begins on page 148

Chair is your pattern. Study it

As you vacuum chair and get ready to work, see how it is made. Check state of springs.

A badly out-of-shape pillow can be replaced for only a few dollars. Often it's worth doing. Note the crevices where extra fabric must be tucked in so slipcover holds in place.

Springs in the seat allow for "give" and comfortable sitting. The upholstery is boxed separately at seat crevice so fabric won't tear when springs move as you sit in chair.

Slipcover also must allow for the give, so fabric won't rip and will look tailored.

Chalk and cut all pieces to closest rectangles

Before you start work on fabric, straighten it. Pull a crosswise thread at one end. Then cut on thread line.

First piece to mark is pillow. Lay fabric double directly on pillow and chalk. Use upholstery cord as guide. Cut, leaving ½ inch on all sides for seaming. (To make the chair pillow see page 212.)

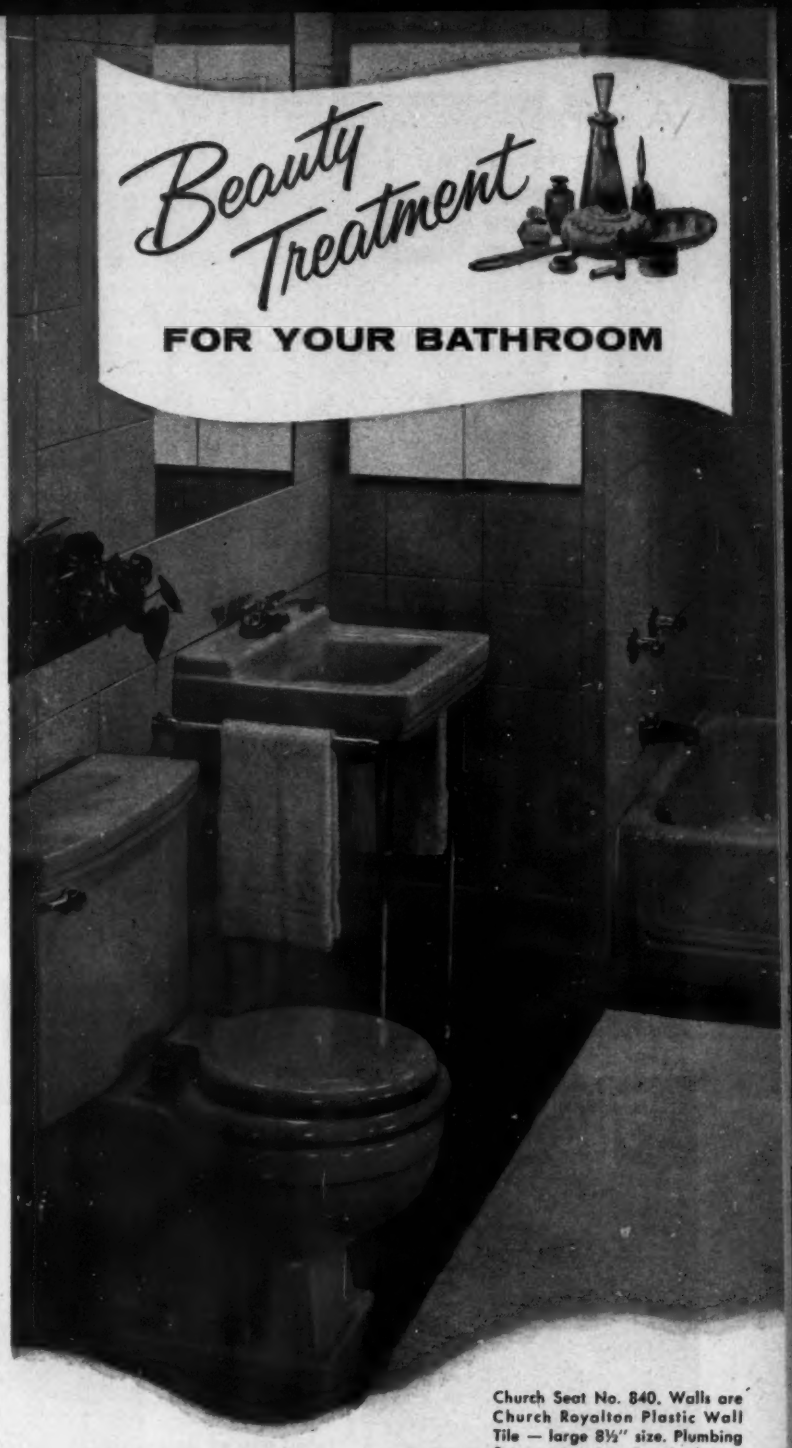
Anchor corners with T-pins. Use T-pins for all your slipcover work. They're long, sturdy, and will stay in place. (Buy at art or stationery-supply store.)

Now follow your cutting guide (see page 148) and chalk out the rectangles on the fabric. *Check and recheck to be sure you've allowed enough tuck-in, pieces are the right size.*

Be sure—then be accurate. Cut right on chalk lines. This is the step where accuracy pays! It makes fitting easy.

Pin name of piece on right side of fabric. Leave attached; now fold and store pieces until you are ready to fit and sew units of slipcover.

More on next page



Church Seat No. 840. Walls are Church Royalton Plastic Wall Tile — large 8½" size. Plumbing fixtures American-Standard.

WANT to perk up your bathroom? Start with a gleaming Church Seat that exactly matches your colored fixtures. Or, for a very smart effect with *white* fixtures, choose a seat in any of 32 lovely Church colors in plain or pearl and key your decorative color scheme to it. Ask your plumber to show you his complete line of Church Toilet Seats—soon.

Church Seats

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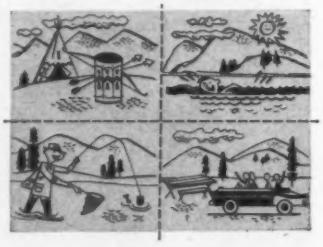

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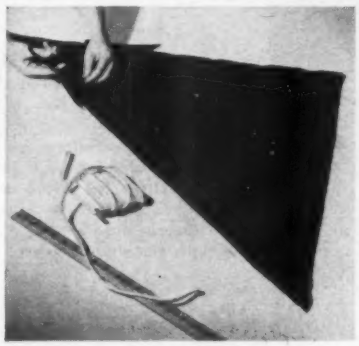
Guaranteed by Good Housekeeping

A new and simple way to slipcover

Continued from preceding page

Speed-up way to make bias cording

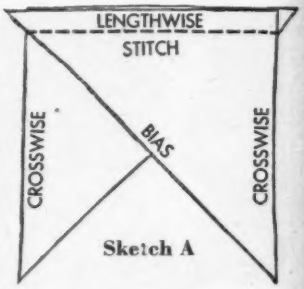


The key to quick-make bias is to start with a square. Plan about 18 yards of 1½-inch bias for a chair with flounce.

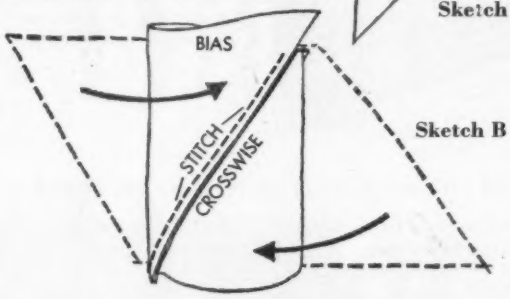
This takes a 30-inch square. (Be sure all sides are on straight of fabric. Pull threads to check.) Fold into triangle. Cut along fold.

Right sides together, as cut, turn top piece a quarter turn. Lengthwise edges match. Slide top piece to side ½ inch leaving "ears." Make ½-inch seam, press open, trim off ears (Sketch A).

Lay fabric flat, wrong side down. Fold each triangle in half to form square. Crosswise edges meet. Slide edges so 1½ inches extend at ends (Sketch B). Sew ½-inch seam. Press.



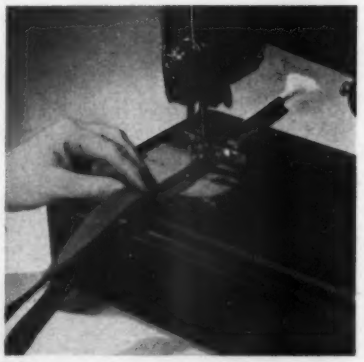
Sketch A



Sketch B

You now have a cylinder with two "ears" extending. They are the start and end of a continuous bias strip.

Slip cylinder over ironing board. Use measuring guide on scissors so entire strip will be same width. Cut bias.



Make all cording at one time. Use a double-edged cording foot on sewing machine.

Stitch the cord into the bias strip. Keep edges of strip together and guide the fabric. (Don't push or pull.)

More on page 202

These illustrations show you only a few of the many leading manufacturers who are offering you internationally-inspired, American-created designs using genuine leather upholstery. Among others featuring new International Colors in genuine upholstery leather are:

Beaver Furniture Company
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Furniture by Tomlinson, High Point, N. C.
Valley Upholstery Corp.
The Widdicomb Furniture Company

S. J. CAMPBELL CO. introduces low and lovely chair and table styled by Jane Lynch Geraghty, A.I.D. The table is green and yellow inlaid leather. Room setting by Marion Heuer, A.I.D.

genuine Leather

BEACON HILL COLLECTION (of the Kaplan Furniture Co.) includes a leather-upholstered chaise showing strong Moorish influences. On the leather floor, a leather and fabric rug designed by Yale Burge, A.I.D., for Edward Fields. Room setting also by Yale Burge.

for the new distinguished elegance in your home

Today's smartest interiors are rich with an air of distinguished brilliance. Inspired by the best from all over the world, it brings you regal designs, gorgeous new colors, and sleek new textures.

Your very best way of capturing this mood is with genuine leather upholstery. Its colors are so limitless, its nature so versatile, its textures so *right*—it's no wonder that America's leading designers choose it!

You'll appreciate the new leather, too, for sound practical reasons. Mild soap and water whisks off any spot. The rest of the time, you dust it occasionally, and watch its glorious patina grow richer with use.

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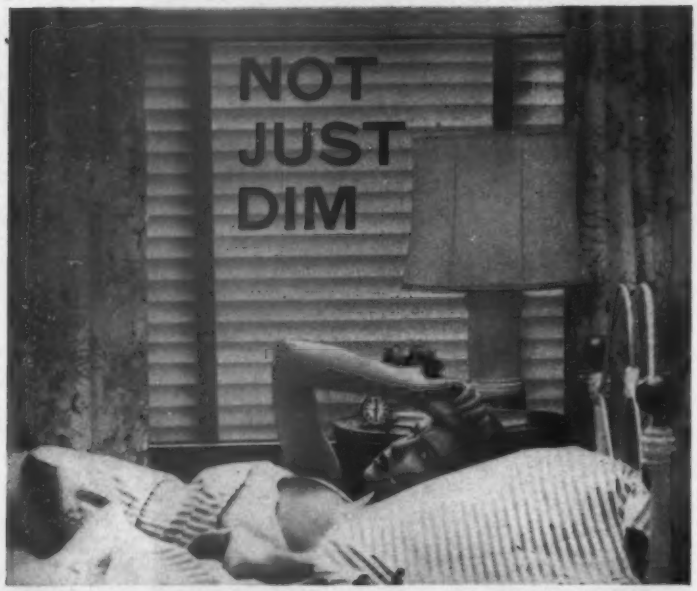

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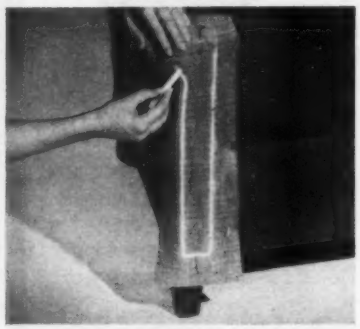
A new and simple way to slipcover

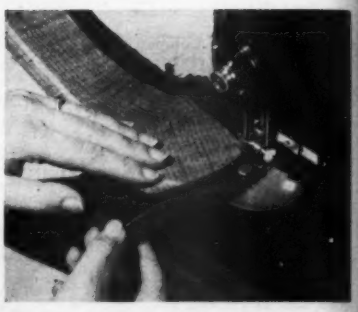
Continued from page 200

Here's how to fit and stitch arm unit



Start with the arm plate. Fit both plates at one time. Use two thicknesses of fabric and pin in position on chair.

Chalk shape, using upholstery cording as guide; then cut ½ inch outside chalk line.



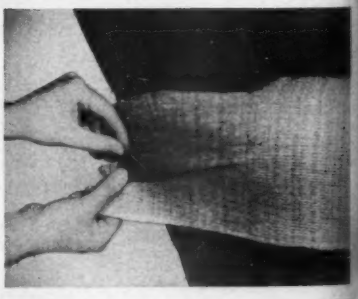
Cord around edges of each arm plate. (Don't cord at bottom.) Make ½-inch seam and stitch. Use double-edged cording foot to sew close to cord.

For smooth look when you sew cording on fabric, *pull* fabric slightly, *ease* cording. Clip on curves as shown.

Fit inside arm piece. Start at front of chair. Anchor with T-pins. Let extra 1-inch seam allowance extend over the outside of the chair arm.

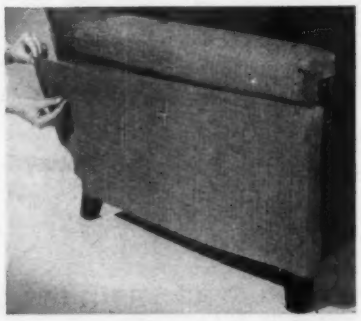
Pins keep fabric on straight. Fold fabric back where chair arm and inside back join.

You need to remove bulk from tuck-in area. Chalk area to cut. Make chalk mark in line with edge of back of chair. Mark to within 3 inches of inside chair back. Then mark straight down toward inside on thread of fabric. Cut.



Smooth arm piece into chair-arm crevice. Anchor piece at chair back with T-pins.

Fold a small tuck to take care of fact that arm curves less at back, pin in place.



Now take outside arm piece, fold in seam allowance on top edge, and press. Place over side arm piece. Anchor front.

Smooth toward back, keeping fabric fairly taut. Pin at chair back, working from bottom to top. Now pin seam under arm curve.

More on page 205

New G-E Wall Refrigerator-Freezer puts all foods at your eye level!

This big new 11-cubic-foot General Electric Wall Refrigerator-Freezer is *the most convenient of all refrigerators*, because it puts all foods within easy reach.

You just reach out and pick the foods you want. No need to bend or stoop for foods because everything is at eye level and can be seen at a glance. Even in the true, zero-degree freezer, shelves are easily accessible.

What's more, it gives you more room in your kitchen. With your refrigerator on the wall, extra floor space is gained for the addition of base cabinets and counter surface.

See this luxurious new General Electric Wall Refrigerator-Freezer at your G-E dealer's. Ask about the easy terms and generous trade-in allowance most G-E dealers are offering. Look for his name and address in your classified telephone directory. General Electric Company, Appliance Park, Louisville 1, Kentucky.

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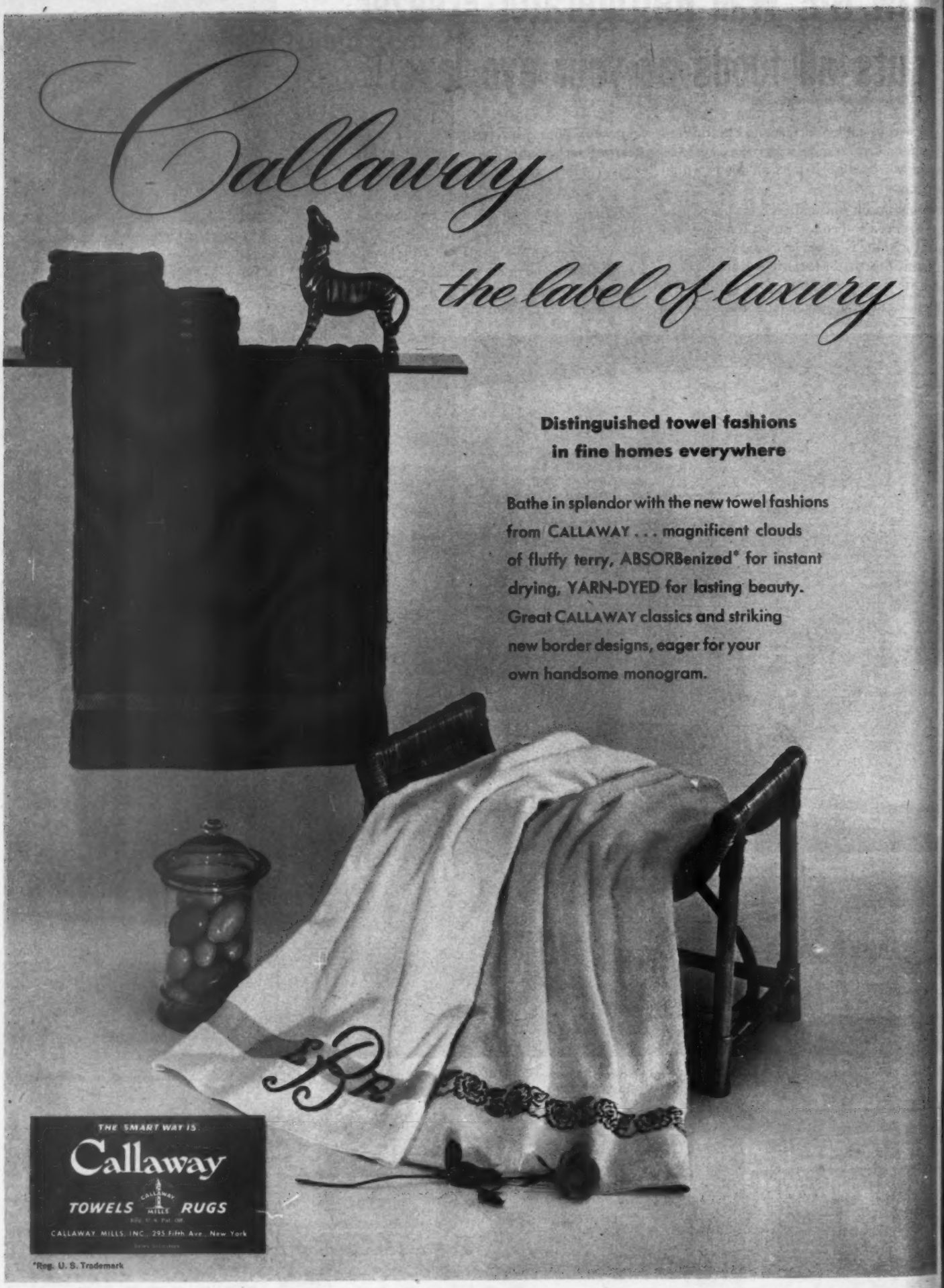
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A new and simple way to slipcover

Continued from page 202

How to make arm unit

Continued

Pin corded arm plate in place. Pin to fabric, but keep pins free of chair upholstery.

Place pins at right angle to corded edge. Leave arm plate unpinned on inner edge of arm plate as shown.

Remove entire arm unit from chair and stitch. Top stitch long seam to join inside and outside arm pieces, (see arrow) and tuck at back. Top stitch arm plate to side pieces; use double-edged cording foot.

With edge of foot against cord, the needle automatically sews close to cording.

Remove T-pins as you sew. Make both arm units.

Make top band, back, and inside unit

Pin top band in place. Chalk at front along the upholstery cording line. Chalk at ends along seam line of upholstery to show seam line for band.

Remove from chair and sew cording on front chalk line.

At this time, chalk-fit chair-back piece. Use your chair upholstery cord as guide. Sew cording to sides and top of back piece, not to bottom.

Start inside unit when you have a good stretch of time and can leave the pieces on chair. Up 'til now you've made units which you can sew in short times, then store until you sew again.

Now you start joining the units together.

Center the inside back and seat piece on chair. Pin firmly in place at chair top and sides (on upholstery cording).

More on next page

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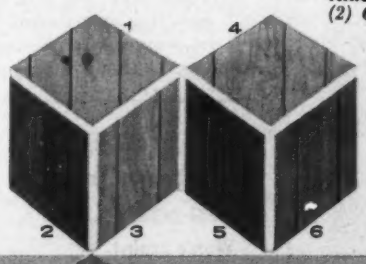

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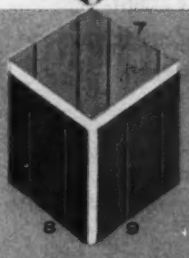
See your lumber dealer or use coupon for Craftwall "Idea File." When in New York, visit the Roddiscraft Rockefeller Center Showroom, 620 Fifth Ave.



Roddiscraft RODDIS PLYWOOD CORP. Dept. BH 556, Marshfield, Wis.

Send me your "Idea File" — packed with facts about Craftwall. I enclose 10¢.

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A new and simple way

Make inside chair piece

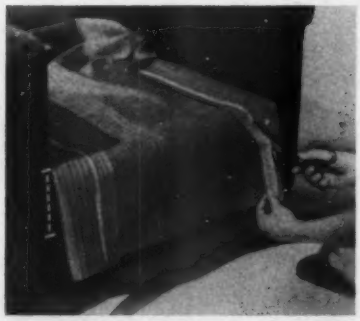
(Continued)

To fit arm curve, chalk along it; allow 2 inches for tuck-in. Chalk straight forward on the straight of fabric which you stretch along arm. Cut along chalked line *only to end of arm.*

(Note that on *curved* edge, not much fabric is left for tuck-in; *straight* tuck-in from inside arm piece goes way in.)

Now repin corded top band over inside piece, along top and sides. Keep pins free of the chair upholstery.

Remove unit from chair and top stitch along cording with the double-edged cording foot.



Repin inside back and seat unit with corded top band. Anchor with T-pins at top. Now work from front of chair.

Bring fabric a little below bottom edge of chair. Trim off extra fabric at seat sides. Allow enough tuck-in to fit into spring of chair. See dotted line. It's depth of tuck-in.

Anchor fabric in front center of chair seat with T-pin. Now push fabric at sides down into spring tuck-in crevice.

You will automatically begin to form a fold which falls into a neat triangular lap.

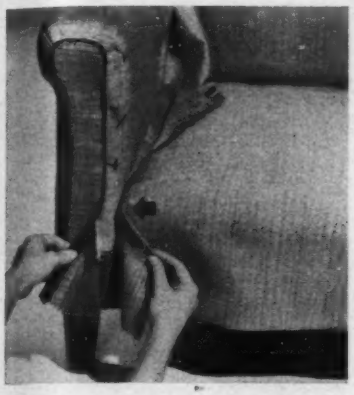
Pin triangular lap over arm plate upholstery with T-pin. This lap allows for the raise and fall of chair springs so there is no strain on fabric.

(*Follow same method for a T-construction chair except the lap fold comes where T joins arm at the side of chair.*) Now tuck in extra fabric along side and back of chair seat.

to slipcover

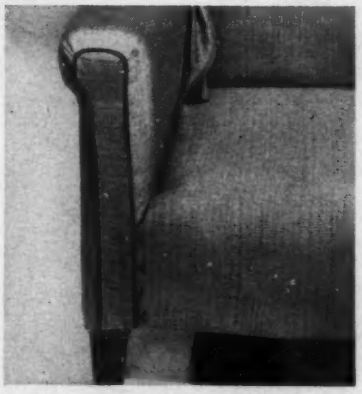
Continued from page 205

How to join finished units of slipcover



Leave inside back and seat unit pinned to chair, and now carefully repin both arm units. First pin unit in place at front with T-pins. Keep the fabric threads straight.

Slip triangular lap under corded arm-plate piece which was left open when you made the arm units. (See arrow.)

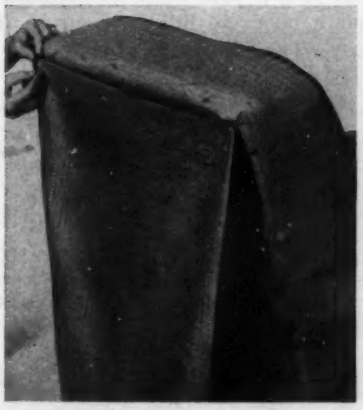


Pin the open section of the arm plate over the lap as shown here. Pin just fabric; don't anchor to upholstery.

Now smooth all tuck-in fabric into crevice of chair seat. Be sure fabric threads run straight along chair arm, seat and inside back.

Tuck in fabric along chair arm crevice, and as you smooth fabric back beyond crevice (there is no crevice at back of chair arm), fold under a seam.

Pin this section of arm unit over top band piece. Anchor arm unit to edge of chair back.



Pin the corded back piece in place. Anchor with T-pins on corners as shown. Then pin over seam allowance of top and side pieces.

Be sure to pin through fabric of slipcover but keep pins free of chair upholstery. Leave pinned slipcover on chair.

More on page 209

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For coolest, cleanest air, put in Fiberglas* Dust-Stop* Air Filters at least *twice* a season. Dust-Stops trap dust, dirt and pollen *all through* the filter—not *just* on the surface. They assure you extra comfort and extra economy.

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Home means more with carpet on the floor—*more comfort • quiet • safety • beauty • easier care*

A new and simple way to slipcover

Continued from page 207

How to make and attach flounce

To make flounce with double thickness of fabric, fold fabric in center lengthwise and press with wrong sides together.

For flounce using fabric of single thickness, stitch plain 1-inch hem at bottom.

If you prefer a tailored look with no flounce, simply chalk fabric along bottom edge of chair and skip to step at bottom of this page.

Now start at whichever back corner of chair you want placket. Make half a double inverted pleat at back corner. Work toward front of chair. Pin as you go. Make double inverted pleat at each corner.

Now, keeping pleats carefully pinned in place, remove flounce from chair. Stitch cording to right side with ½-inch seam. Use cording foot.

Repin corded flounce on the slipcover. Turn seam down as you pin, and pin flounce only to slipcover fabric and not to the chair upholstery.

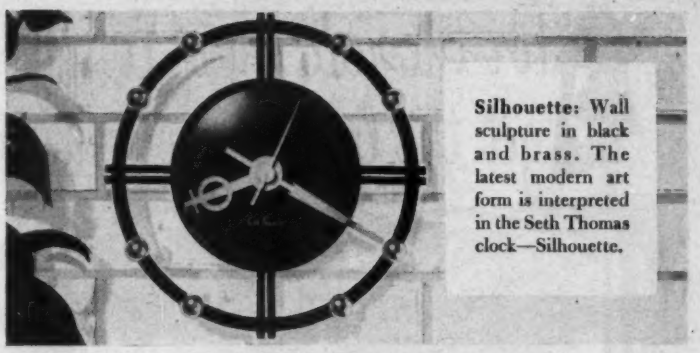
Place pins at right angles to cording on flounce. Make sure flounce has an even top line. A wavy line will detract from slipcover.

Measure for gripper tape

Unpin back seam up as far as you plan to insert gripper tape. Make opening higher than chair arm. Chalk uncorded edge, using chair upholstery cord as guide.

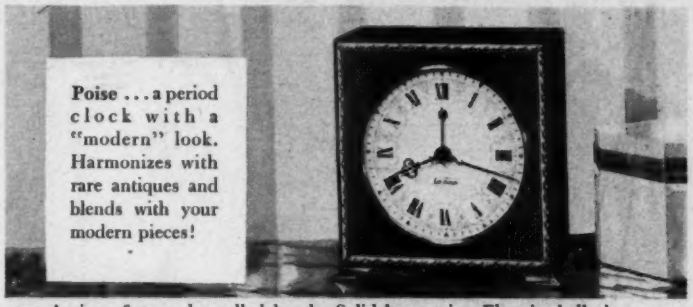
Leave slipcover on chair until you are ready to stitch it. For stitching and gripper tape directions, see page 210.

More on next page



Silhouette: Wall sculpture in black and brass. The latest modern art form is interpreted in the Seth Thomas clock—Silhouette.

Newest electric wall clock! Raven black, with sprayed golden bronze hands. White, with polished brass hands, markers. 10½" diameter, $14.95†



Poise . . . a period clock with a "modern" look. Harmonizes with rare antiques and blends with your modern pieces!

Antique face and scrolled hands. Solid brass trim. Electric, bell alarm. 5½" square. Mahogany case, $14.95†. Burgundy or green leather, $22.50†

The News in fine clocks

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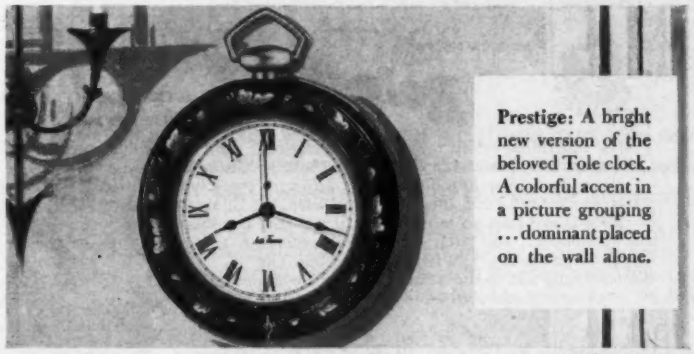
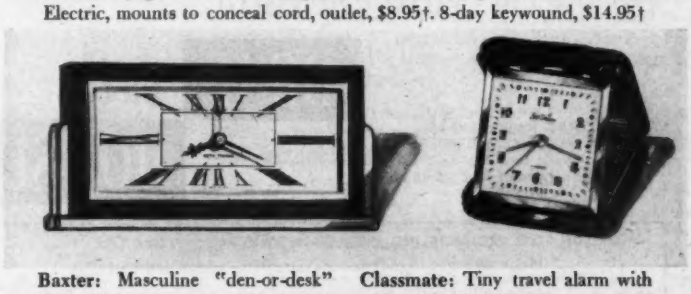
Every year for 143 years, Seth Thomas*, America's oldest name in time, has created the newest in fine timepieces. For free booklet of all Seth Thomas clocks, write to: Dept. B5, Thomaston, Conn.



Prestige: A bright new version of the beloved Tole clock. A colorful accent in a picture grouping . . . dominant placed on the wall alone.

Golden ivy garland . . . hand-painted on maroon, green or black case. Electric, mounts to conceal cord, outlet, $8.95†. 8-day keywound, $14.95†



Baxter: Masculine "den-or-desk" clock. Rich mahogany or blond. 4¼" high; 5½" wide. Electric. $19.95†

Classmate: Tiny travel alarm with wide-awake face. Leather case in 3 styles, 3 colors. Luminous. $9.95†

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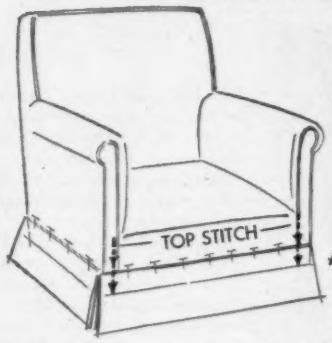
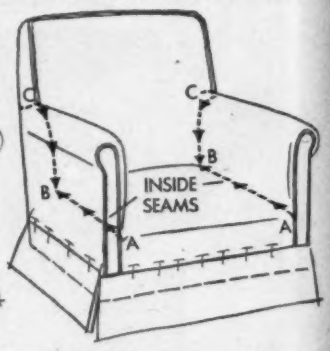
A new and simple way to slipcover

Continued from preceding page

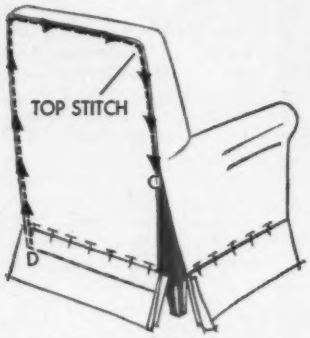
Final stitching to join slipcover units



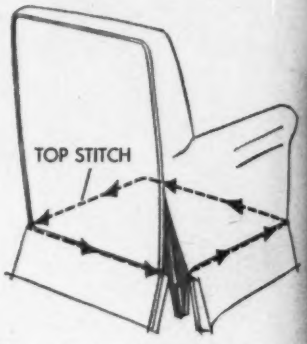
First step is to top stitch the unstitched seam of front arm plates, which you have already pinned in place. Remove a pin or two from the flounce to stitch, but repin at once



Second, stitch seat tuck-in seams with 1-inch plain inside seams. Start at front of chair seat; stitch to back (A to B). Stitch from arm back to end of your first stitching (C to B)

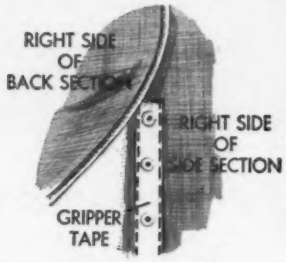


Third, top stitch corded back piece to body unit. Remove pin or two to stitch; repin at once. Stitch from D to C. Leave unstitched below C

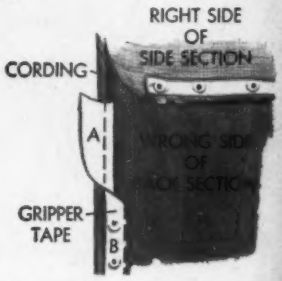


Last, top stitch flounce from placket corner forward around chair. With no flounce, top stitch cording on chalk line. Tack up the raw edges

How to attach gripper tape



Unsnap gripper tape. Work first on uncorded side of opening. Start at top. Lay one tape strip flat, right side up; simply stitch on both edges

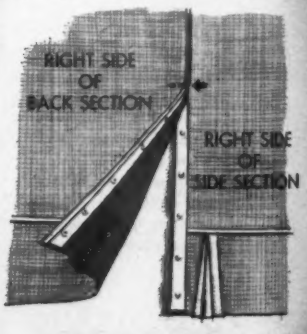


Stitch other strip of gripper tape to corded side of opening. Lay tape face down (A). Sew close to cording. Flip tape over. Sew other edge (B)

Here is how the finished gripper-tape placket looks. Be sure that as you stitch second strip of tape it is lined up so strips snap without a bump at the top of placket.

Bar-tack top of placket opening (see arrow) by stitching back and forth several times.

For neat placket bottom look, turn tape under; stitch across.



More on page 212

This lovely kitchen centers around a 54" Diana Cabinet Sink. All-steel, it features stainless-steel trim; porcelain-enameled steel top; new one-handle faucet with 5-year parts warranty; rinse spray; cutlery drawer and cutting-board drawer.

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Rotary Corner base cabinet has shelves that turn to bring wanted items up front.

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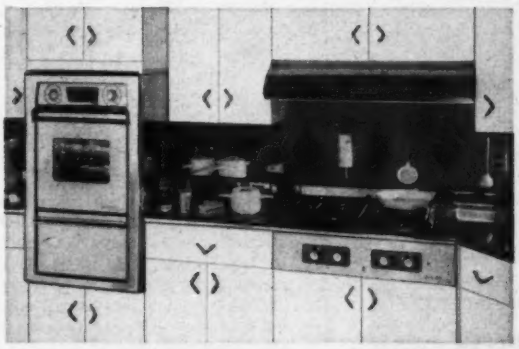

New Youngstown-Tappan built-in ovens and surface-cooking units (gas or electric) match other units. You get more freedom than ever before in planning for cooking facilities.

Only Youngstown Kitchens give you so much convenience, such beautiful colors . . . so many features that add to the value of your home!

This week end, why not visit the model homes in your community? You'll find a *world* of exciting new ideas—like the beautifully styled Youngstown Kitchens, for example—you'll see them in more fine homes than ever before!

Why? They're built for lasting pleasure—of lifetime steel that will never warp, rot, swell, or absorb odors. They're so flexible that every plan is a *custom* plan—every kitchen a personal kitchen. And, of course, builders know the home with a Youngstown Kitchen keeps its value longer!

Take a hint from leading builders. Whether you buy or modernize, don't settle for less than a Youngstown steel Kitchen!

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Buffalo 2, New York

A new and simple way to slipcover

Continued from page 210

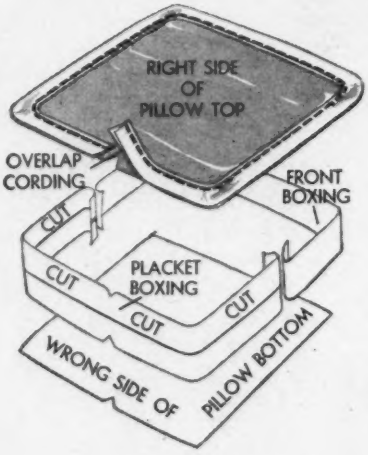
A pillow cover with a tailored look

Cut two rectangles, using your pillow for the pattern. Leave a ½-inch seam allowance on all sides.

Fold in two; center on the pillow lengthwise as shown. Cut tiny notches to mark center fronts and backs.

Now measure the width of the chair-pillow boxing. Take the measurement within the upholstery cording.

You will cut two strips for pillow boxing, one for front and one for placket. See directions below.



Pillow pieces. Top stitch cording to right side of top, with ½-inch seam. Start at notch in center back. Overlap cording to join it. Top stitch cording to the right side of pillow bottom, also.

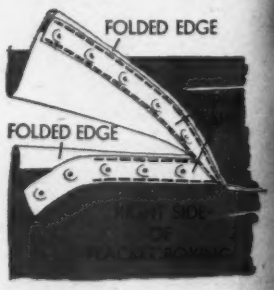
Front boxing piece. For length: you measure halfway around pillow and add 1-inch seam allowance for joining to placket piece. Width: pillow-boxing width plus 1 inch.

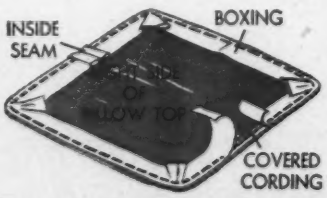
Placket boxing piece. For length: you measure halfway around pillow plus 2 inches for joining to the front piece. Width: add 3 inches for gripper tape, in order to overlap; attach; seam. Notch centers of both boxing pieces. Cut placket in two lengthwise.

The trick to attaching gripper tape in pillow placket piece is that one strip of tape is stitched to *wrong* side of fabric; one strip is stitched to *right* side of fabric.

Make ½-inch fold so raw edge is covered when gripper tape is stitched down (see sketch).

Place gripper-tape strips face side up and stitch on both edges. Snap together. Seam front and placket boxings at one end to form long strip.





Use ½-inch *plain inside seams* to join boxing to pillow pieces. Put right sides of boxing, top piece together. Match notches. Sew, leaving 2 inches unsewed at open end.

Smooth boxing ends toward opening. Mark and stitch seam to join them. Finish stitching boxing to pillow top. Now match bottom piece and boxing notches, right sides together. Stitch. Just fits!

Nothing protects your home so beautifully as

Joanna Western *Cloth* Window Shades

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Please send free booklet on window decoration and samples of your lovely new shades.

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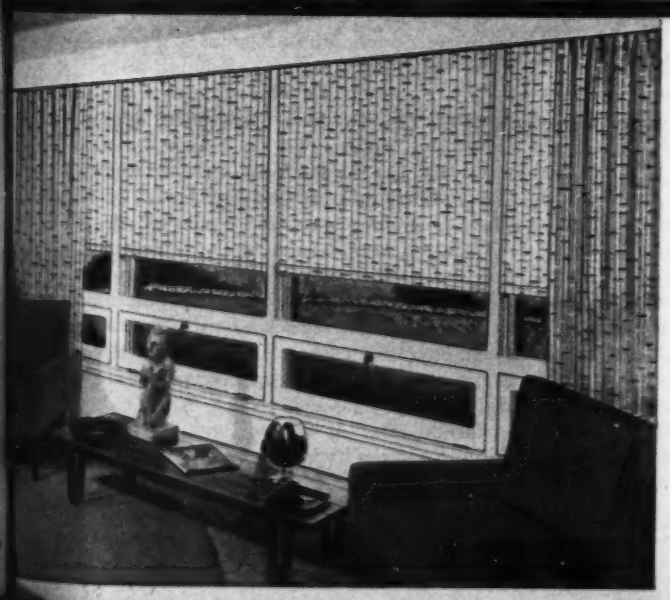
Never before have window shades looked so *beautiful* as these sparkling new *Joanna Western* Cloth Window Shades. Functional as ever, they protect your expensive furnishings from damage by the hot, harsh rays of the sun. Yet they brighten your windows with an elegant new outlook. For instance . . .

...here's color magic for your bedrooms!

Joanna Decorator Styled EXLITE Cloth Window Shades

Decorator Styled in a variety of smart colors, Joanna's EXLITE shades are a *must* for the bedrooms and nursery. They stop light completely, give you darkness in daytime . . . just the thing to keep the early morning sun out of your eyes, to keep sleepy youngsters in bed for an afternoon nap. The room side is color coordinated with Joanna Drapery Fabrics; the street side is plain white for uniformity at all your windows.

Washable EXLITE is also available in white, eggshell, ivory, ecru or light tan on both sides in widths up to 77".



Interiors by Gertrude Ruben, A.I.D.

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Don't deny your child discipline

Confused about too much and too little discipline?

A leading psychologist gives you common-sense answers

By Thomas F. Staton, Ph.D.

Mrs. Jones was chatting with visitors when 8-year-old Tommy swept into the living room. He was at the moment a jet fighter in hot pursuit of the enemy, with sound effects of engine and guns going at full blast.

"Tommy, you'll have to go into another room to play, or get something quiet to do if you stay in here," said his mother.

"Baaaaaaaaaa da-da-da-da-da-da baaaaaa," the "jet" roared around the room circling the chair of one of the visitors in its flight, one "wing tip" brushing her hair.

"Tommy!" repeated Mrs. Jones, "listen to me! You know better than to act like that. Go to your room and stay there until I come."

The roar of the jet subsided. "I don't want to go in there! I want to stay in here. I'm goin' to. . . ."

Mrs. Jones spoke firmly. "Go to your room this instant, young man, and without another word out of you! We'll discuss this matter later."

Tommy left the room, subdued, as Mrs. Jones apologized to her guests.

"My word!" exclaimed Mrs. Brown, "I was just thinking how I wished my Jacky would mind like that."

"My girls, too," chimed in Mrs. Perkins. "How on earth do you do it?"

"Why, I hadn't ever thought much about it," said Mrs. Jones. "I really don't see how a family could function at all successfully if the children didn't mind! Tommy knows that when I tell him something he must obey. He's just a little slow in doing it sometimes!"

"I wish I could get Jacky to *know* that," said Mrs. Brown. "He is the same age as Tommy, and he's getting so he absolutely ignores anything I tell him that doesn't suit him. But don't they say you kill a child's initiative or warp his personality by not letting him express himself—whatever that means?"

Encouraged by pseudo psychologists and maudlinly sentimental parents, teachers, and others, the fashion (now fortunately going out of style) has been to permit children free expression of personality and uninhibited development.

This has often resulted in children being allowed to behave as they wanted to, with little guidance and less discipline or repression of anti-social tendencies and activities. Children reared under this pitiful policy have been allowed to grow up rude, inconsiderate, and disrespectful of authority.

The result is summed up in the note a fond mother is credited with sending to little Willy's teacher on Willy's first day in a new school:

"My dear Miss Greene:

"Willy is a very high-strung child. Please do not punish him if he seems a little boisterous, as he is not accustomed to it. We never strike him at home except in self-defense."

An undisciplined child has been compared to a drifting boat with no strong hand at the rudder. Such a boat is swirled by every whim of tide and wind, and is the most insecure and uncertain thing imaginable. It gets nowhere except by accident. It adjusts, it is true, but its adjustment is a vapid, helpless, unrewarding existence.

A child lacks the maturity and experience necessary to know how to behave properly.

Eight-year-old Tommy has never been bothered by people slamming doors, dashing through a room in which he is talking with guests, or rudely injecting themselves into his conversations, so he is simply ignorant of the unpleasant feelings people invite toward themselves by such actions.

Tommy needs the guidance and control of parents who understand such situations. Their experience will take the place of his own inexperience until, finally, he himself learns and understands ways of conducting himself and develops patterns of behavior which will make his presence enjoyed by others.

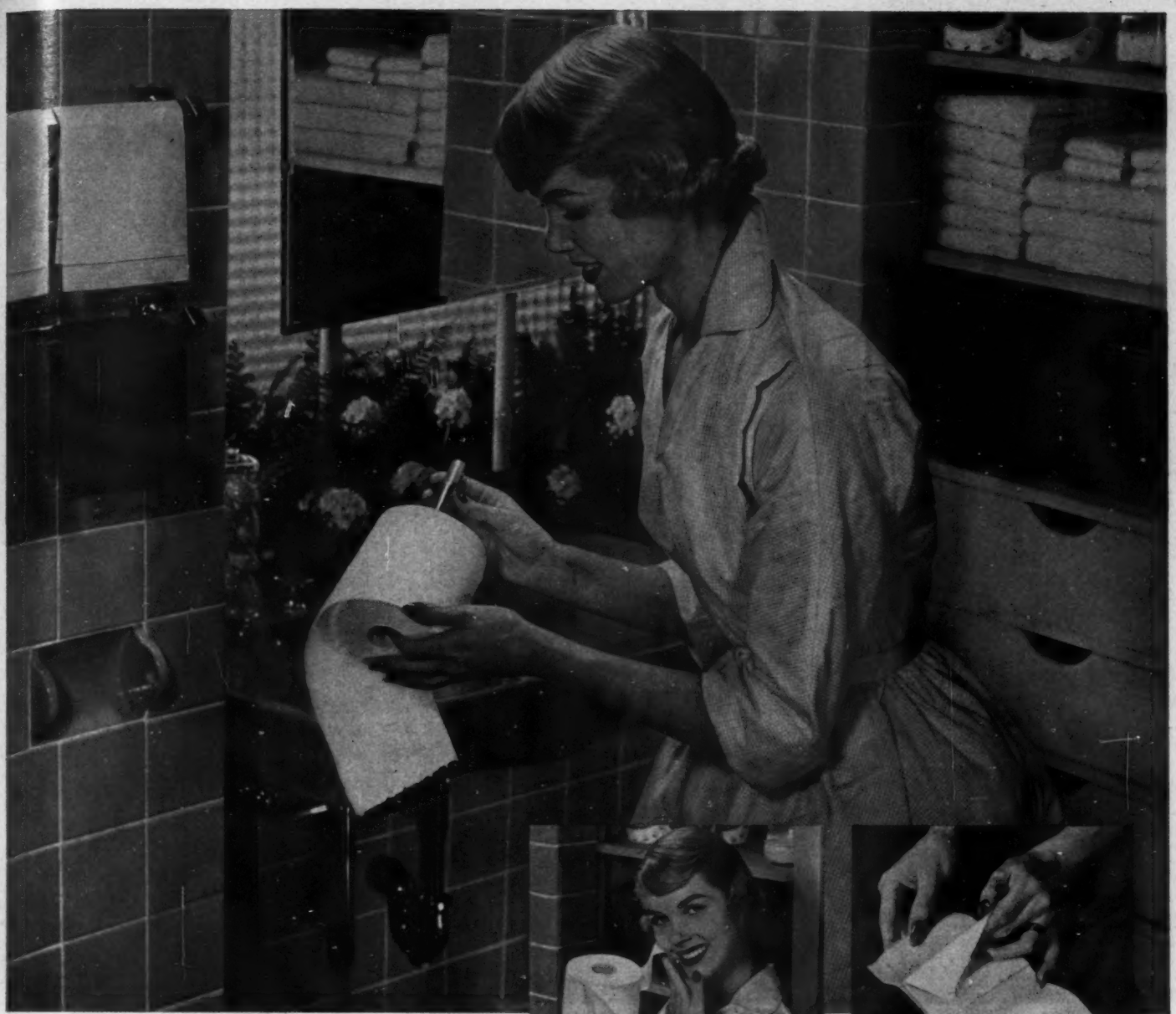
If he is permitted to grow up as an undisciplined child, he will act with only his own desires and pleasures in mind. His obstreperous behavior that completely ignores the rights and wishes of others will, as the years pass, interfere with his ability to make friends and get along with people.

Few children have the self-discipline to make themselves do something they do not want to do, even though they know they should do it.

Young Jimmy knows he ought to turn off television in time to do his arithmetic homework, but often he simply does not have the will power to do this. His parents must see to it that he *does* stop looking and start studying. If not, he will go to school the next day unprepared.

Children need to learn to obey rules promptly and graciously. The self-discipline required to adjust happily and easily to the regulations under which all of us must daily live in a civilized society does not come naturally. It is learned. It is most easily and most effectively learned in childhood.

Parents are (or should be!) the agents of authority in the home. Family rules and policies should be sensible, but enforced. Obedience as a matter of course, promptly [*Turn to page 309*



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two soft thicknesses

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IN FOUR LOVELY FLOWER COLORS!

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This is the same luxury Soft-Weve you've loved so long in pure white. It's made like finest facial tissue—*two* thicknesses soft, *two* thicknesses strong. And don't forget—the Soft-Weve roll lasts longer than other 2-ply tissues having fewer sheets! Get the new color Soft-Weve. Your family and guests will love it!

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Sleep like an Angel

The deep untroubled sleep of a child can be yours on *U. S. Koylon Foam.* For as you stretch out on this luxurious mattress whipped with air to angel lightness, you feel all the tiredness draining out of you. And at once you relax all over, every muscle at rest, every nerve soothed and quiet, as you fall into deep, deep sleep. This is U. S. Koylon's precious gift to your health and happiness. Be sure you get a U. S. Koylon, the best in foam. You'll be glad to know that there are U. S. Koylon mattress and foundation ensembles priced to fit every purse. At fine stores everywhere.

Honey-combed on both sides with thousands of air-holes, U. S. Koylon is the only reversible foam mattress with perfect sleeping comfort on each side. And in combination with the matching "U. S."-designed Foundation, it is the absolute ultimate in sleeping luxury.

Platinum Label

U.S. Koylon® FOAM

US RUBBER United States Rubber

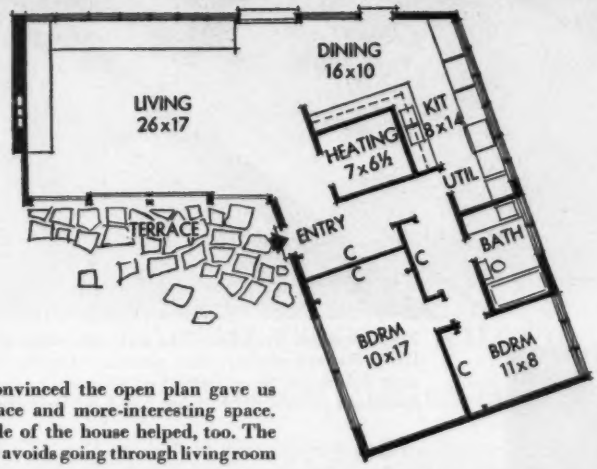
This is the way we built our house!

Photographs: Lucian Brown

Our house was planned as a do-it-yourself house—simple construction and simple plan.

A low, Contemporary house can stand a lot of vertical lines—thus the use of redwood siding and battens. The cedar-log fence, our latest project, encloses the terrace.

We are 20 miles west of Minneapolis, at spring-fed Christmas Lake. The house is on a ridge high above the lake.



We're convinced the open plan gave us more space and more-interesting space. The angle of the house helped, too. The entrance avoids going through living room

By Anne Swan

How do you tell about a house you built with your own hands? It's like talking about yourself.

My husband, George, is an architect, so we had a head start over most young couples. But being an architect doesn't make you a finished carpenter, electrician, or plumber. You have as many callouses as anyone else at the end of a day.

Our house is planned for each member of our family to enjoy and use to the fullest. It's fun to live in, and it doesn't make a maid out of me. We selected materials that are easy to clean and that are substantial. The walls and ceiling are cedar in a natural finish. The floor is a waxed concrete slab, and it's warm. (We may tile it later.) Heating is through copper coils in the slab.

Both of our children have been raised in a nest of tools, shavings, and lumber. George, Jr., considers a hammer or screwdriver as much a plaything as his blocks and wagon.

We've been building since June of 1949, and there's always more to do—but that's half the adventure of having a house. Cynthia has seen us through from the beginning. She's slept, played, and sometimes cried to the scratching sounds of a saw or the tom-tom of a hammer.

There were times when we all could have joined her for a good cry, but then the tough job of the day would be finished . . . and our home one step nearer completion. It's been full-time spare-time labor—evenings, weekends, vacations. But we've got plenty to show for it—a home we couldn't afford without doing it ourselves.

A close-up of the joys of building your own home—what a mess! But what an adventure, too. "Carpenter's helpers" (George, Jr., and Cynthia) were always available, and they're even a little sad now that the work is finished. By economizing, we were forced to learn new things. Here, I'm block-printing material for a skirt

More on page 258

Mom can be
A WIZARD WITH WELDWOOD®

...she'll mend a table good-as-new with WELDWOOD *Plastic Resin* GLUE

Powerful! Makes wood-to-wood joints actually stronger than the wood itself. No wonder "pro" cabinet makers prefer it. Easy-to-mix powder. Easy to apply. Highly water-resistant. 15¢, 35¢, 65¢ and larger.

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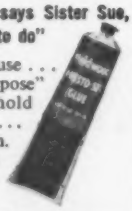
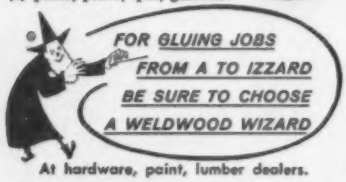
"With PRESTO-SET® GLUE," says Sister Sue, "Scrapbooks are such fun to do"



Lightning-fast! Ready-to-use . . . Sets in a jiffy. The "all-purpose" white glue every household needs. Bonds like magic . . . wood, leather, paper, cloth. Water-resistant. 25¢, 45¢ tubes; pint & quart jars.

With WATERPROOF GLUE to spruce it up, Junior's boat won a racing cup!

Withstands any climate or weather — even salt water! Weldwood Waterproof Resorcinol Glue is a "must" for boat work, outdoor furniture, jobs subject to dampness. Easy to mix and apply. ¼ pints, pints, qts., gallons.



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Bathing your baby should be fun

The time, place, and equipment for Baby's bath should be as convenient as possible, for you as well as for him

Many mothers have found the sink convenient for bathing Baby. Nancy's mother, here, places a rubber or plastic mat over sink drain, turns faucet out of reach, has bath towels and clean clothes right at her hand on the work counter

Photographs: Pease

Typical of the many items designed to make Baby's bath quick and comfortable is this bath apron for Mother. By loosing belt ties, she transforms it into a hooded robe in which to wrap Baby, both before and after the bath

By Ann Usher

Bathing the baby has become much more relaxed than it was just a few years ago. Before, the timing and methods were rigid enough to make a ritual of bathtime. The mother who, for reasons of convenience, defied the conventional routine felt apologetic and sometimes even apprehensive about her nonconformance with custom.

Now, happily, Baby is bathed whenever, wherever, and in whatever manner seems best—from the standpoint of his, his mother's, and the household's convenience.

Not that the bath is haphazard. Now it's simply a means of making the baby clean and refreshed, rather than a compulsory, formal proceeding.

Shown here are methods [*Turn to page 220*

Enjoy a "living-room" kitchen with Hotpoint Customline appliances

Combine the warmth and beauty of your living room with the very newest in work-saving electric conveniences . . . at a cost far less than you'd think

Just think of creating a kitchen exactly as you want it—a center for family activities, entertainment—yet completely equipped with modern electric appliances. You can do it, at a cost less than you'd think with Hotpoint's new Customline "built-ins."

Choice of five decorator colors or gleaming stainless finish—to give you freedom to plan a new kitchen just right for your family needs.

And how you'll enjoy using the Hotpoint automatic electric oven placed at the right height for *you* . . . Hotpoint surface cooking units placed just where *you* want them . . . the roomy Hotpoint built-in refrigerator-freezer . . . the Hotpoint undercounter dishwasher that can do a full day's dishes automatically at the touch of a button!

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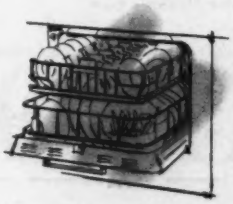
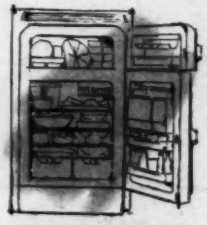
Built-in Calrod® Units. Faster than gas! 2 or 4 unit tops available. Automatic griddle, french fryer.



Built-in Dishwasher has exclusive new action that outmodes all other methods, dishes sparkle, Spot-Less!



Built-in Refrigerator. 91-lb. freezer; automatic defrost; sliding, adjustable aluminum shelves. Big 12 cu. ft.!

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FREE! Send for new booklet, "Chair Harmony," and name of nearest dealer. Write Dept. BH-56, Cleveland Chair Co., Inc., P.O. Box 535, Cleveland, Tenn., manufacturers of fine chairs since 1915.

Your name _____

and address _____

Bathing your baby

Begins on page 218

Combination bathtub-table is handy. Tub has a hammock to support Baby in the water, spray, attached tubes for filling and draining. Top pulls over tub to provide dressing space. Shelves below store supplies. Here, Mother rinses Baby's scalp before putting her in tub

young mothers have found easy for themselves and comfortable for their babies.

Many baby doctors now prefer that newborns be given lap baths for the first several weeks or month. Often, they recommend that the babies be cleansed during this period with oil applied with cotton pledgets, or with water only, rather than with soap and water. You should, of course, follow your doctor's instructions.

For either lap or tub bath, you should have close at hand all items needed for the bath—cake of mild soap in soap dish (if soap is to be used), cotton swabs, large pieces of cotton or soft washcloth, large bath towel to cover Baby, small towel with which to dry him, baby oil or lotion, baby powder (if you wish to dust Baby's armpits, neck folds, groin, and buttocks with it), and a clean outfit for the baby, including

[*Turn to page 222*

Bowman

For a few weeks after birth, your doctor may recommend that your infant not be bathed except for sponging with oil or clear water. You may hold him in your lap, with supplies on table. Or, he may rest on bath table. Keep him covered except for part you are cleaning

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Maximum suction lift 25 feet.

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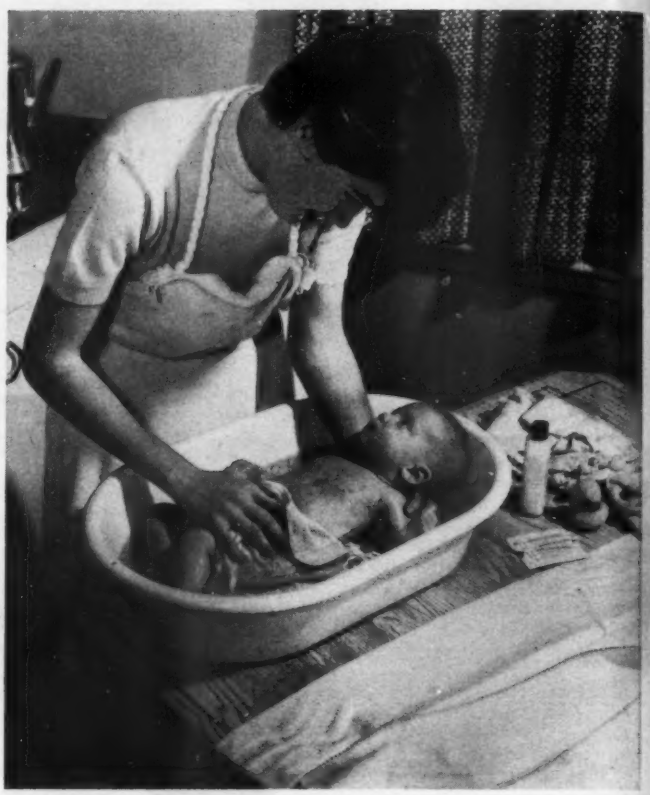
Bathing your baby

Continued from page 220



An oval tub of graniteware, enamelware, or plastic is serviceable for bathing Baby. Placed on the kitchen table, it leaves plenty of table-top room for bath equipment and towels, as well as dressing space. Note how Mother holds Baby for his safety while in the tub

diaper, safety pins, and waterproof diaper cover, if desired.

If Baby's fingernails need cleaning, the blunt tip of a toothpick will do the job. If his nails need cutting, you may find it easier to perform this operation with your manicure scissors while the baby is asleep.

Wear an ample bath apron to keep your dress from being soaked.

Before you undress Baby for his bath, scrub your hands and nails with hot, soapy water. Keep your nails short and rounded so you will not scratch the baby.

The water for Baby's bath should be soft. If your household water is hard, add a water softener to it. The temperature of the water should register 95 to 100 degrees on a bath thermometer or feel comfortably warm to your elbow.

If Baby's scalp is to be shampooed, moisten and lightly soap a clean, soft washcloth or large piece of cotton and wash his head before he is put into the tub, and while he is still wrapped in a receiving blanket or towel. Then hold him, face upward, over the tub or pan of water and rinse his scalp thoroughly, sponging the water from his forehead back towards his neck so that soap will not get in his eyes.

Clear water is generally sufficient to cleanse Baby's face during his early months. If his nostrils or ears need cleaning, moisten cotton swabs and wipe the parts gently. Don't poke up his nose or into his inner ear.

If his eyelids or the corners of his eyes need special attention, wash them gently with a piece of cotton moistened with clear, warm water.

Now soap and rinse the rest of his body, being sure that the folds under chin, arms, genital region, and his buttocks are thoroughly cleansed. Then, Baby is ready to be dried, lotioned, oiled, or powdered—and dressed.

If he is getting his bath in a tub, he will probably enjoy being allowed to kick and splash for a few moments before you lift him out.

Bathtime may be before Baby's morning nap, after his afternoon nap, or before his bedtime—whichever is most convenient for you or seems to suit him best. The bathing spot may be the kitchen, bedroom, or bathroom. In cold weather, the warmest room may be the deciding factor. Otherwise, bathe the baby wherever you find it easiest to work with him.

Because babies generally enjoy their baths, bathtime should be fun for both you and your youngster. And when he graduates into the family tub, your little tadpole will love the water!

[*Turn to page 307*

The room's the same—but

Pittsburgh Glass

made the difference!

The illustration above shows an attractive room, but look at the picture below. It shows how much more vital and alive this same room can be with a large window. Imagine the added pleasure your family and guests can obtain from viewing the beautiful outdoors from indoors—summer and winter.

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Photo courtesy of The Trane Company

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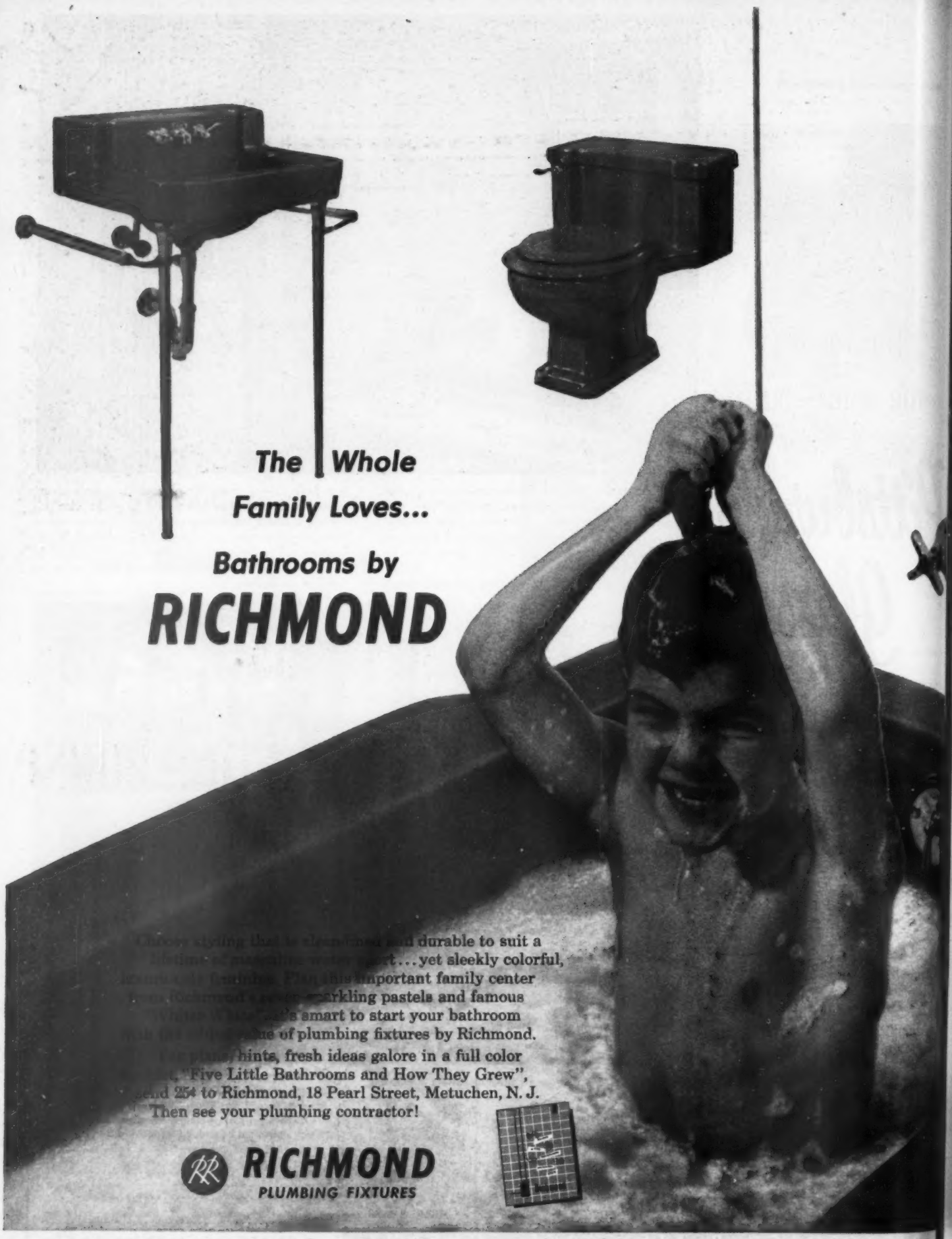
If you live in California, Oregon or Washington, send to W. P. Fuller & Co., Room 811, 301 Mission St., San Francisco 19, Calif.

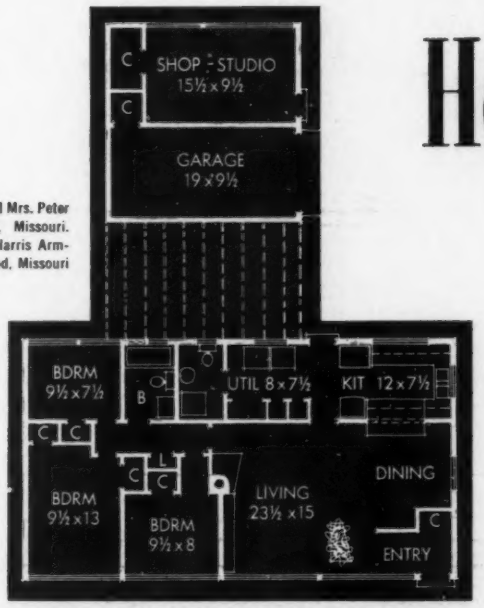


RICHMOND CREATES THE FINEST BATHROOM AND KITCHEN PLUMBING FIXTURES, HEATING • COOLING EQUIPMENT

Spring-fed pond is point of interest inside or out. Pond was considered "hopeless" swamp, so owners were able to buy property for less than average cost. This south-facing wall of house is almost all glass with alternating panels of red cedar, metal ventilating louvers

How they came to build this house

Owners: Mr. and Mrs. Peter Geist, Oakland, Missouri. Architect was Harris Armstrong, Kirkwood, Missouri



Simplest possible shape (rectangular), three-bedroom plan of only 1,056 square feet held costs to minimum

Photographs: Hedrich-Blessing

Butterfly roof of house is repeated on garage and studio wing behind it. Sheltered from sun by overhead gridwork, cobblestone terrace (laid by Geists) is perfect location off kitchen for permanent picnic table

By Lois Rea

In St. Louis, there are all kinds of three-bedroom houses ready to be bought. This is the story of young people who didn't go about it this easy way—whose lively personalities demanded something more than the usual house in the usual setting.

The Peter Geists took their ideas to Architect Harris Armstrong, A.I.A., well known for his bold interpretation of Contemporary thinking. To achieve a feeling of space within small rooms, Armstrong envisioned a butterfly roof and maximum use of glass; an open plan, but with well-defined activity areas.

These ideas begged for the right setting—no easy search when working against a budget. Together, the owners and architect found property with trees and a spring-fed pond that made the *right* house come easier. The Geists followed up with their own labor—laying floor tile, building terraces and retaining wall. It took time and doing, yet the reward is obvious.

Continued

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This insulation uses the TRIPLE PLUS *all around* . . . Reynolds Aluminum Foil completely encasing the batt on all four sides.

These insulations feature the TRIPLE PLUS in another new way . . . Reynolds Aluminum Foil on one side; kraft paper, painted aluminum, on the other sides.

These insulations give you the TRIPLE PLUS in still another way . . . by using a layer of Reynolds Aluminum Foil on one side of the batt.

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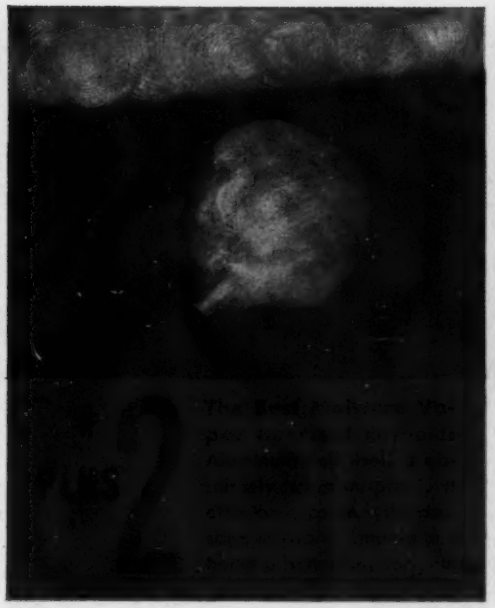

Leading names in the insulation field are now joined by another famous name... Reynolds Aluminum! And the result is even greater efficiency... greater value for your insulation dollar! With the TRIPLE PLUS of Reynolds Aluminum Foil you get important extra insulation value, through radiant heat reflection. You protect your home with the most efficient vapor barrier material. And you get added flame resistance. If you are planning a custom-built house, or watching a new-home development with an eye to buy, make sure you talk to the builder about insulation while there's still time. And, of course, if you're doing the job yourself... make aluminum a *must*. The plus *in cost* is so small... the plus *in value* so big! See your dealer.

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See "FRONTIER," Reynolds great dramatic series, Sundays, NBC-TV Network.

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REYNOLDS ALUMINUM

* TRADEMARK

BY THE MAKERS OF REYNOLDS WRAP

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How they came to build this house *Continued*

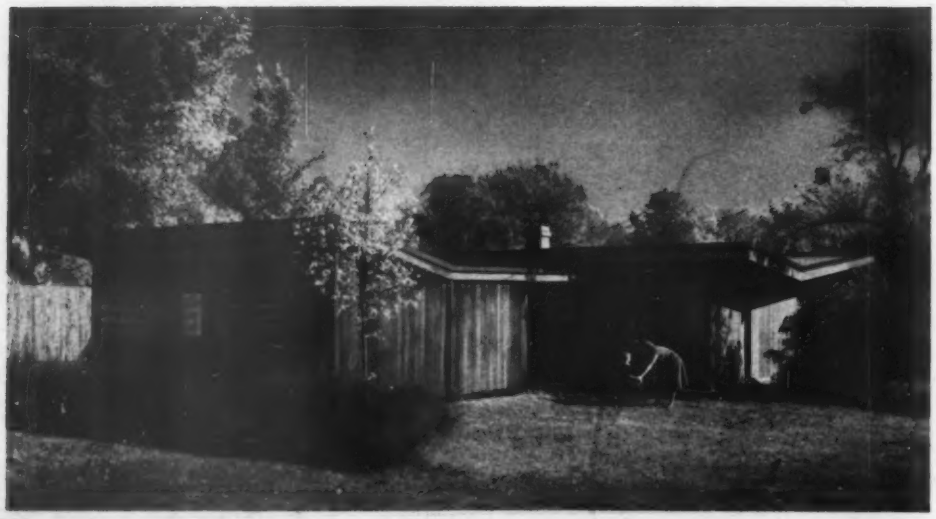
Owners built storage wall, wisely included niche for TV. Old dresser provided marble top for coffee table on iron frame. Fireplace, painted flat black, is well scaled to this living side of large room.

Ceiling has single pitch of shed roof *inside*, butterfly outside. Door in corner opens for louvered ventilation.

The Geists sent Architect Armstrong measurements of antique pine hutch to assure its fitting in new house.

In summer, glass is shielded from direct rays of sun. Glass becomes heating plant under its own power from low-traveling winter sun.

Clean use of space produces easy, handy working surfaces in kitchen (left). Open shelves hang from ceiling, with pass-through to dining area. Bench above serves snack counter or antique table



There's an unexpected play of roof lines at rear

The butterfly roof works inside to raise view across long wall overlooking pond. Roof style is repeated on partially attached garage and studio-workshop.

Privacy was big factor to Artist Geist (who does much of his work at home) so facing of house is significant. Studio has wide expanse of north-facing glass.

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decorator styled by Gold Seal

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HERE'S ALL YOU DO:

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2. Print or write plainly the name you think most suitable for this new Gold Seal inlaid linoleum design. Use entry blank or plain paper. Mail entries to: Gold Seal Contest, P. O. Box 33B, Mt. Vernon 10, N. Y.

Entries must be postmarked not later than June 30, 1956 and received by July 15, 1956.

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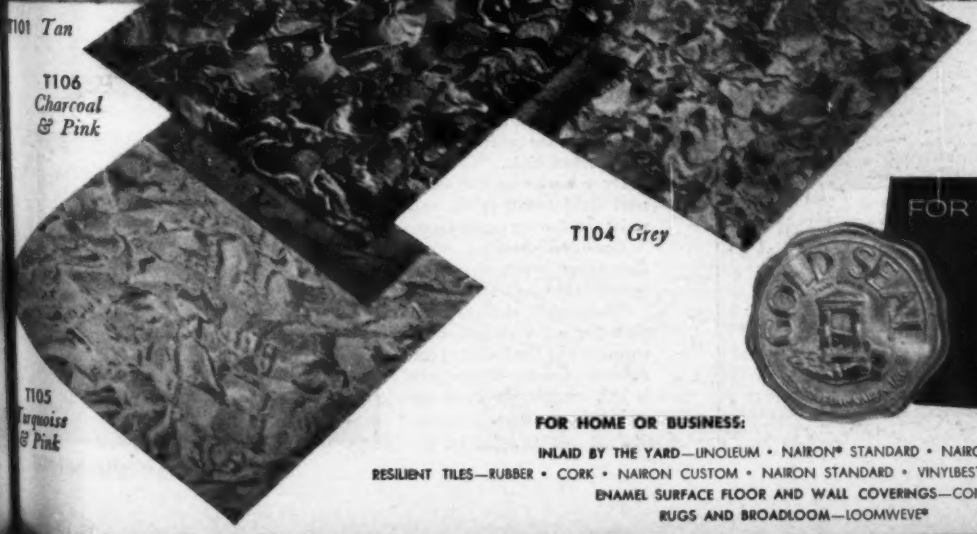

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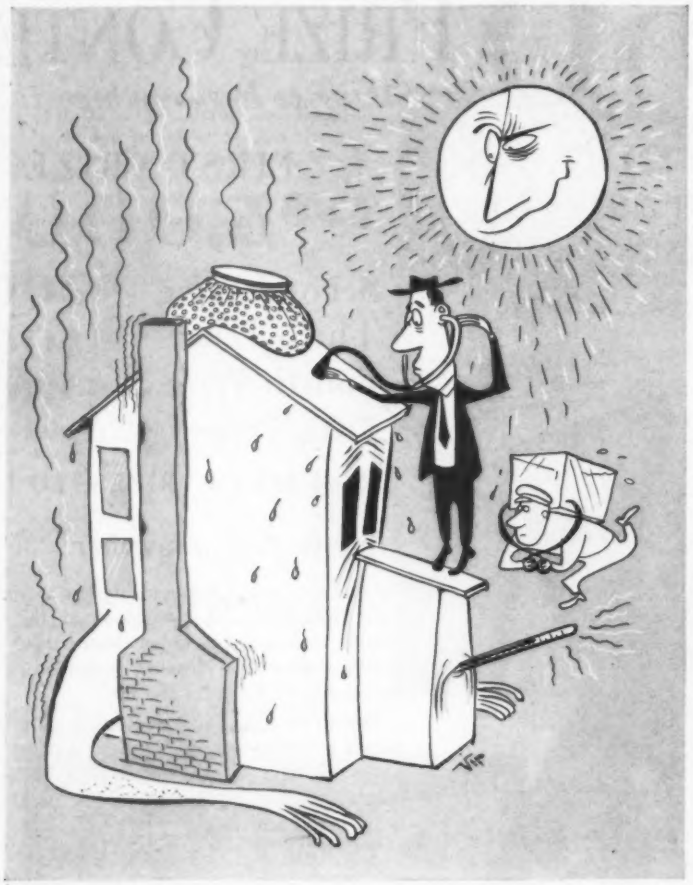
'til your house runs a temperature



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Kitchen built-ins for the handyman

By R. J. De Cristoforo

HERE'S A PRACTICAL array of built-in storage units that'll give the man of the house a chance to test his talents . . . and gain you a more efficient kitchen in space you already have. Like the fold-out stool and shelves below, construction drawings for each idea help to pave the way

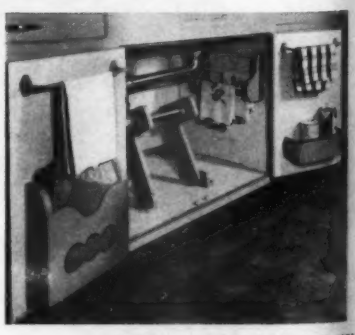
Functionalize under-the-sink cabinets

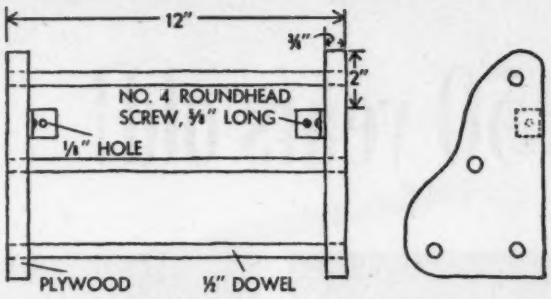
Built-in shelves and storage units organize cabinet under the kitchen sink.

Door backs on the cabinets hold towel racks and units for storing paper bags.

Rounded shelf on other door keeps detergents readily available for use.

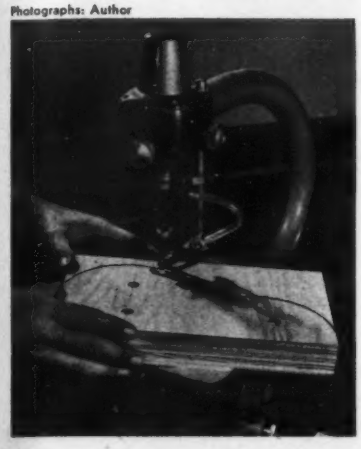
"Balcony" shelves and rack for extra dishwashing supplies line the inside of the cabinet. Center floor space is left completely open for swing-down steps.





Cabinet towel rack fastens to wall with clips cut from aluminum angle or thin sheet you can buy at hardware stores and craftsman supply centers. You can use grid system with one-inch squares to lay out curves, get right proportion for ends

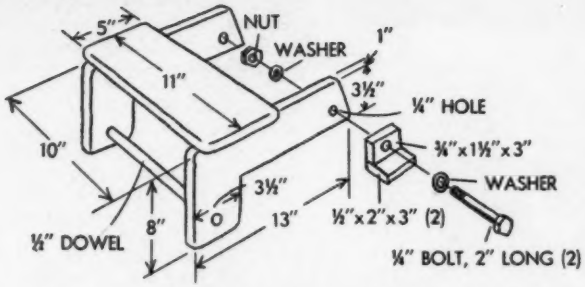
Photographs: Author



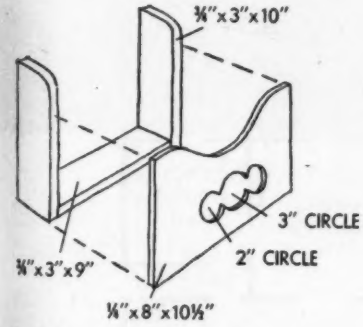
To duplicate parts, such as ends of towel rack, tack the stock together and cut out both at the same time.

Required holes for ½-inch dowels are drilled first to ensure right alignment.

Use this technique when you are cutting with power-driven saw or by hand.



Swing-down stool is fabricated from 1-inch solid stock (pine, fir, hemlock, and so on) and ¾-inch plywood. For safety, glue rubber mat to step. Stair-tread mat is adequate. Machine bolts hold stool in position. Half-inch dowel adds needed rigidity



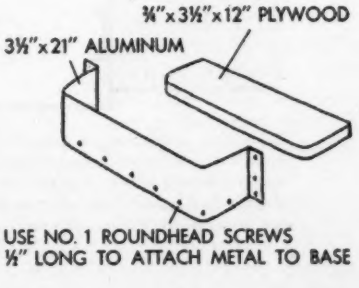
Storage unit for paper bags can be made of ¾-inch plywood or solid stock.

A jigsaw or coping saw does fast job of cutting out circles.

Circles in front are determined by grid system. When assembly is done, sand down smooth and fill nail holes. (See photo on opposite page.)

A storage rack for cleansing powders, polishes, detergents incorporates aluminum sheet and wood in construction.

Cut out bottom and bend aluminum around the curves, fastening it to center of bottom first—then forming it around the bottom as you run in required screws. (See photo on opposite page.)



More on page 252

RUTLAND JOINT CEMENT
Easy to use and assures a smooth job. Just mix with water. Apply cement to joint with 4-inch broad knife—press joint tape over joint—and allow to dry. Sand out imperfections and apply finishing coat of Rutland Joint Cement. When dry, sand where necessary. Comes in convenient sizes.

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A new house—and it's 50 years old!

BEFORE. Porch was a shambles, all but done in. There were too few rooms, only one closet, and no inside plumbing.

High gable end, with its honeycomb of shingles, called further attention to narrowness of the front. Though paint was blistered and peeling, the house itself was structurally sound.

AFTER. Lalleys called on Architect Richard Taylor. First thing to go was unsightly porch.

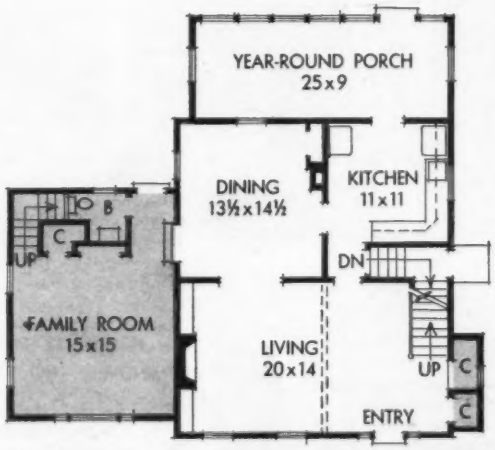
New wing at left improves over-all proportion, adds much-needed activity space to first floor, another bedroom and bath to the second floor.

To hide high foundation walls, lot was graded up. Fresh paint, —solid white for gable and trim, green-gray for siding—new windows and entry detail complete the transformation.

EXCEPT FOR THE thickly wooded site, the house hardly seemed worth preserving. Then the Frank Lalleys came to town —and turned out this fresh remodeling. A new face, new space, interior rearranging got them the home they wanted—a 50-year-old house, bigger, bolder, better than ever before

Photographs: Hedrich-Blessing

Family room takes the biggest portion of added space. The Lalleys planned it so the children would have a place of their own to entertain friends. Before, the living room was the single center for social gatherings. Entrance to new wing is from either the rear yard or dining room. New half-bath is right around corner to right. Family room also gives new stairway to upper story (see plan at right)



Additions and changes (shown in color) turn choppy cube into workable arrangement. By knocking out partition (dotted line), living room expanded to take in wasted hall space. New wing means family now has room for diversified living, alternate route to second story

More on page 324

presenting the

STAR CHIEF *Custom Convertible*

a Very Special Car for a Very Special Person!

If you think this long, low creation is America's *handsomest* car, you'll find plenty of support among connoisseurs of such things.

But performance is its forte . . . breath-taking performance that quite literally creates for this great car a class all its own! Cradled under that sleek hoodline is the most advanced power plant of them all, the brilliant 227 h.p. Strato-Streak V-8 (12 more horsepower with low extra-cost dual exhausts)!

And Pontiac's revolutionary oil-smooth Strato-Flight Hydra-Matic* completes the most thrilling power team ever to hit the highway.

For those who demand the first word in *glamour* and the last word in *go*—here is the car you've been waiting for—the magnificent Star Chief Custom Convertible by Pontiac.

**An extra-cost option*

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PONTIAC MOTOR DIVISION OF GENERAL MOTORS CORPORATION

Photo by Hedrich-Blessing, Furniture by Heywood-Wakefield

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Floors of **OAK**

These make this small room distinctive

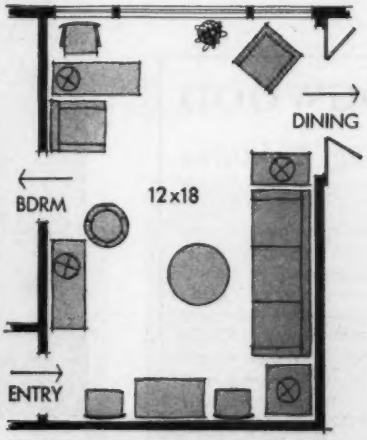
1. *Careful selection of each piece of furniture*
2. *Space-making, blend-together backgrounds*
3. *Workable furniture and accessory arrangements*

By Polly Cramer

Furniture selection. Here, few and large pieces of furniture disprove the idea that you must use small-scale furnishings in small rooms. The thin lines of the sofa and the chairs eliminate space-stealing bulk

Photographs: Hedrich-Blessing

Backgrounds. Unusual wall grouping is a conversation starter, taking decorating up and beyond the usual confines. This takes attention away from the limited floor space. Draperies blend with wall to give impression of more space



Furniture arrangement. Practically every inch of wall space is used for furniture, leaving traffic lanes as free as possible. Folding screen adds wall space. From the Helen Leisgang home, in Cincinnati

Brother and Sister really look nifty,

Rit dyed their outfits so easy, so thrifty!

Make your toddlers fashion plates with outfits you dyed to match with Rit—right in your washing machine. And do toss in Sister's gloves (how little girls love 'em) and a flock of socks for tip-to-toe color.

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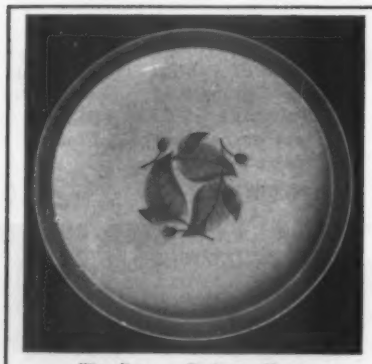

Woodbury on Barlaston Shape
Five-piece place setting $6.35

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A Living Tradition

Woodbury is a fresh Wedgwood Queen's Ware pattern on a new shape designed especially for contemporary homes. The soft green tones of the band and leaf motif are right with modern furnishings. Write us and we will tell you where you can buy Wedgwood, and we'll also send you selected color illustrations. Folder C. 10c.

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24 East 54th Street, N.Y. *Wedgwood is made at Barlaston, England*

Good-bye to problem windows

Begins on page 190

Three recessed windows of an awkward height, with wall space between, were a decorating puzzler here.

The solution? A curtain rod was installed against the ceiling of the recessed area, and floor-length draperies were extended across the windows.

Draperies, closed, give an illusion of one large window.

Traverse pull arrangement opens draperies so panels conceal space between windows. From the Fred Dowd home, in Terrace Park, Ohio.

How can you cover your small windows to get as much light as possible? Decorate them with handsome wood shutters—they won't cover any of the window space when open, and give you privacy when you want it. Shutters are simple treatment with decorative wallpaper

It's this easy with speedy *Super® Kem-Tone*

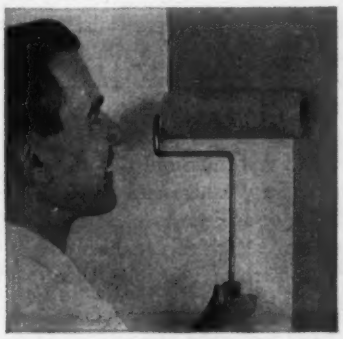
THE DE LUXE LATEX WALL PAINT

It's a wonderful feeling! Your dream becomes a brand-new room in just one day with quick, ready-to-use Super Kem-Tone! Velvet-rich, rubber-tough, it goes on easily over plaster, wallpaper, paint, wood, brick or wallboard without brush marks. Dries within an hour, too. Yet Super Kem-Tone costs so little to use . . . one gallon will do the walls of an average room. Give your own dream a try with Super Kem-Tone . . . then you'll know why it's the world's most widely used wall paint.

Kem-Glo® alkyd enamel matches Super Kem-Tone color for color. It's the favorite enamel for kitchens, bathrooms and all woodwork in the home. Kem-Glo flows on smoothly . . . no undercoater needed . . . looks and washes like baked enamel.

SUPER KEM-TONE $5.89 a gallon (Deep tones $6.19 a gallon). KEM-GLO $2.69 a quart.

Wide range of lovely new colors to choose from!



Easy to apply with Roller-Koater® or brush!

Guaranteed washable, or your money back!

ACME QUALITY PAINTS - Detroit

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The Sherwin-Williams Co., Cleveland
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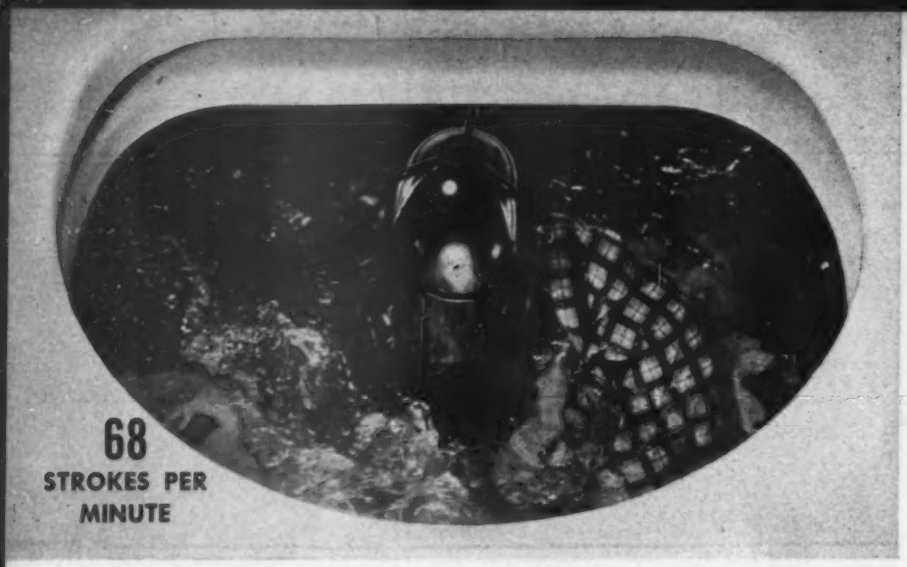
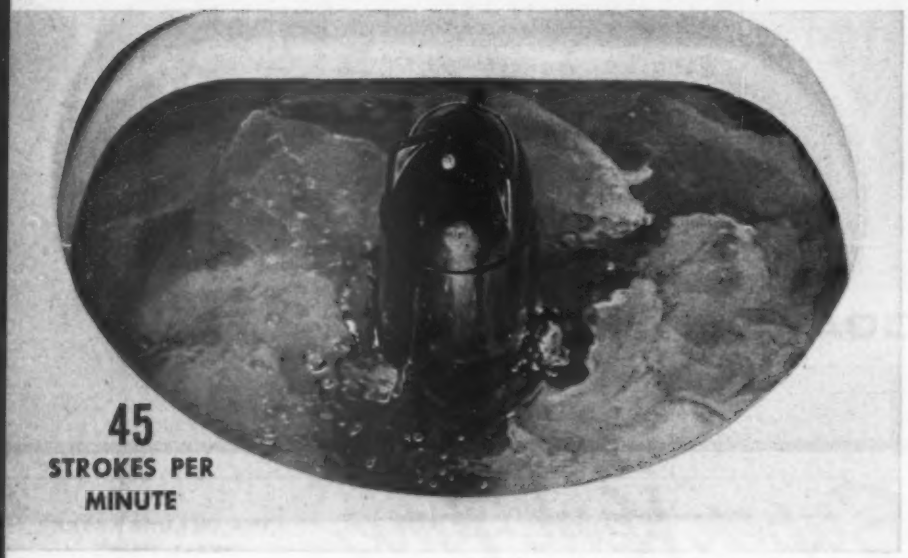
John Lucas & Co., Inc., Philadelphia
The Martin-Senour Co., Chicago
Rogers Paint Products, Inc., Detroit

Sold by leading Paint, Hardware, Lumber and Department Stores everywhere!



SPEED IT UP

Set the dial for regular fabrics. Automatically you get the thorough agitator action that drives out stubborn dirt. 6 power-spray rinses and an agitated deep rinse flush out soil and suds-scum. Safe 500 R.P.M. spin speed whirls out maximum moisture without damage to clothes.



SLOW IT DOWN

Set the dial for delicate fabrics—do hand-washing automatically. RCA WHIRLPOOL shifts to a slower, gentler agitator speed, just right for loosening soil. 4 gentle spray rinses, a slow-speed deep rinse, and spin-drying at 335 R.P.M. safeguard tender wet fibers, prevent fraying, creasing.

REGULAR FABRICS, at left above, were washed in the new RCA

2 different speeds, 2 adjustable time cycles! Now

No more hand-laundering, no more ruined clothes. Now you can safely wash synthetics and blends as well as linens and heavy-duty cottons thoroughly clean; and only the makers of fully automatic RCA WHIRLPOOL give you this 2-speed action.

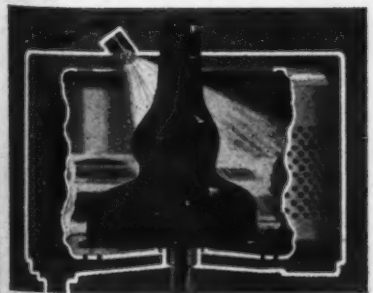
Now, RCA WHIRLPOOL takes over your job of hand-washing—automatically. At a flick of the dial you get the second, slower speed you need to wash critical synthetics, blends, and delicate fabrics safely. It's like having two washers in one.

You get all these improvements, too: 3 water temperatures; 3 water levels; big, 9 lb. capacity; germicidal lamp; 5-year Warranty on sealed-in transmission. See the complete line of RCA WHIRLPOOL Automatic Washers and Dryers (gas or electric) from $159.95 to $349.95, or as little as $2.54 a week. Whirlpool-Seeger Corporation, St. Joseph, Michigan, makers of RCA WHIRLPOOL dependable home appliances to save you work and serve you well. In Canada: John Inglis Co., Ltd.

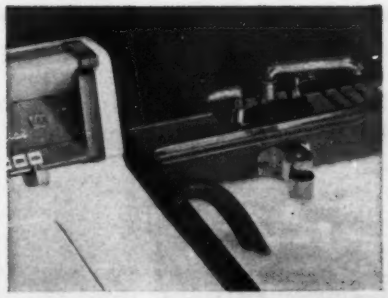
JUST TALK TO THE WOMAN WHO USES AN RCA WHIRLPOOL—THEN SEE YOUR DEALER

WHIRLPOOL at regular setting (68 strokes per minute). **DELICATE FABRICS,** at right above, were washed in the new RCA WHIRLPOOL at slow, gentle speed (45 strokes per minute).

both from RCA WHIRLPOOL in one automatic washer



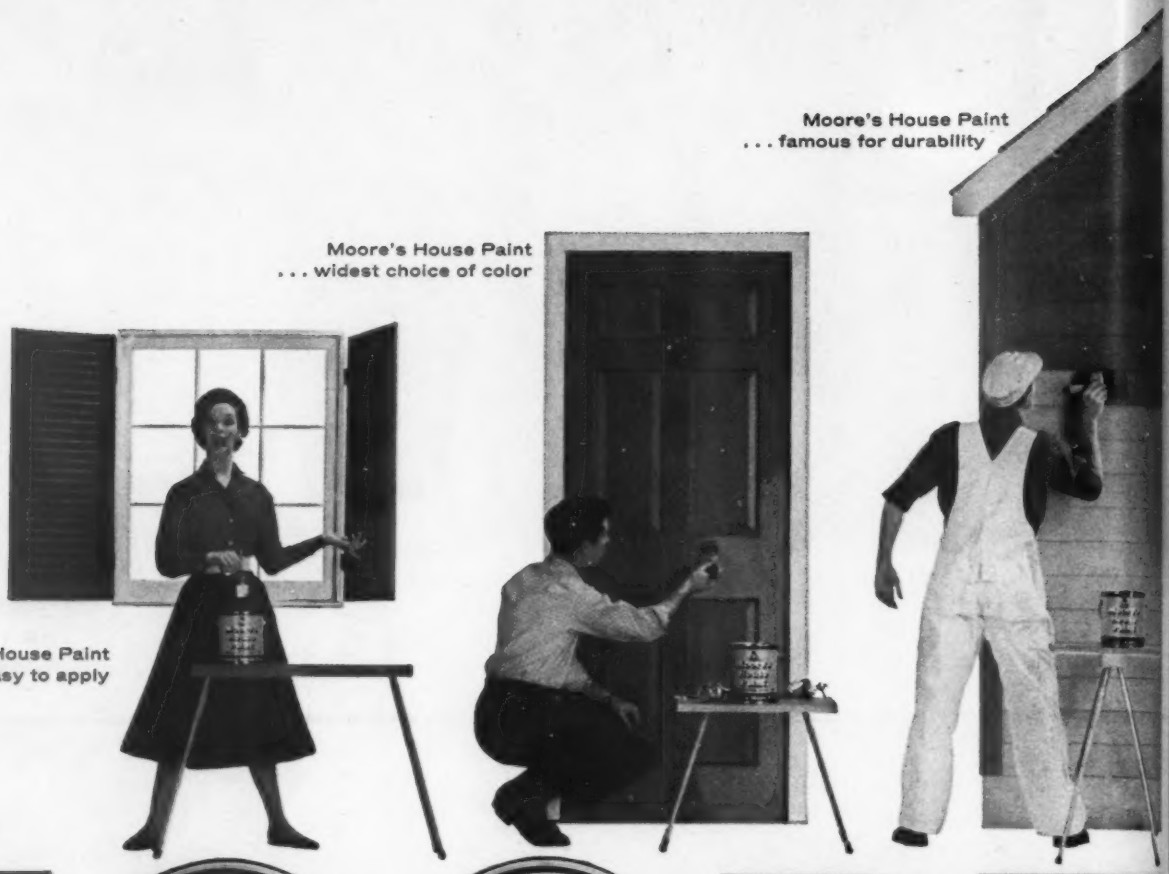
SOIL, SAND OR SUDS-SCUM ARE REMOVED by thorough rinsing. 1199 tiny holes in inner basket drain dirt away, never through clothes. It drains before it spins.



SUDS-MISER SAVES you over 2500 gallons of hot water, up to 26 boxes of soap or detergent every year (average family of 4), lets you re-use hot, sudsy water.

THOROUGH WASHING ACTION EVEN UNTIES KNOTS! See the new RCA WHIRLPOOL Imperial washer, shown here with matching dryer.

See the Milton Berle—Martha Raye Shows on Tuesday nights, NBC-TV



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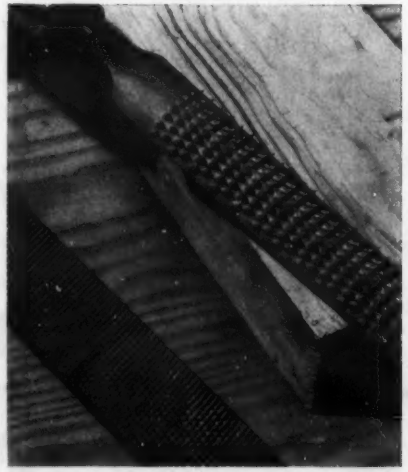


Remove excess wood fast with wood rasp when a spokeshave or chisel won't do it better.

For curved surfaces, go diagonally across the grain in a smooth, sweeping motion. This prevents the rasp from cutting grooves in the stock and chipping the edges of it. Draw-file long, flat stock—like you would metal. Remove excess wood often between teeth.

On grainless hardboard, file or rasp works the edges glassy smooth. Move the file (or rasp) lengthwise—not across the edge—holding it true and square with one hand and letting the fingers of the other hand serve as a guide.

A combination rasp—rasp and file on one side; half-round rasp and file on the other—is available at many hardware stores.

Photographs: Stanley

Keep your files clean. Files loaded with filing residue wear out quickly and roughen stock you're trying to smooth.

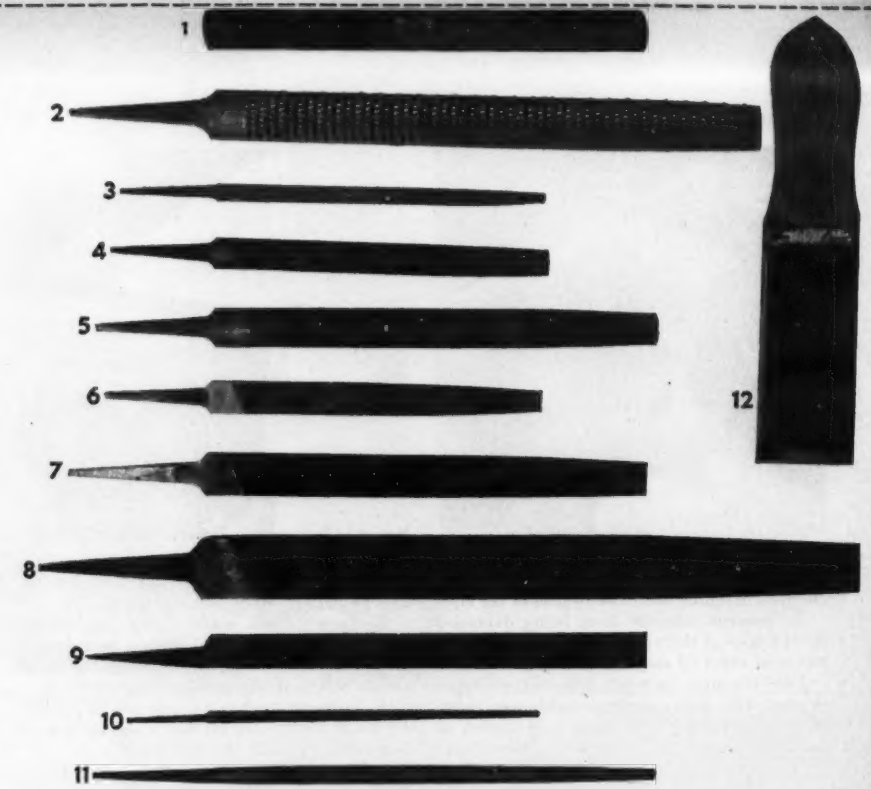
File cards you can buy have tiny bristles that go between the teeth of the file to clean it. It's best not to tap the file to clear clogged gullets. Tapping sometimes breaks the teeth. Never strike file on metal surfaces.

"Needle" files—available in sets of 12—are especially designed for fine filing jobs.

Each file is differently "shaped" for filing flats, rounds, ovals, angles, and many other intricate and irregular surfaces.

Also handy to have in your workshop is an auto-ignition file—you can buy them at auto-supply houses. It's also used for small work.

Cut along dotted lines



Files and rasps you'll probably use most include this selection: (1) 10-inch combination "shoe" rasp; (2) 12-inch half-round bastard wood rasp, and (3) 6-inch round.

A 6-inch half-round bastard (4) for small surfaces; (5) 10-inch half-round bastard for rough work and concave surfaces; (6) 6-inch smooth-cut mill for smoothing small work.

A 10-inch smooth-cut mill (7) for smooth finishing; (8) 8- or 10-inch second-cut mill bastard for finishing (mill files are single cut), and (9) 10-inch knife bastard for sharp angles.

A 6-inch triangular (10) for touching up and sharpening some saws, and so on, and (11) 10-inch round bastard for circular openings. File card (12) is used for cleaning files.

How to choose and use . . .

Files and rasps

MASTER these easy techniques for using a file and rasp . . . then you're ready for any one of the hundreds of shaping and sharpening jobs woodworking and home-maintenance projects call for

Add these pages to your HANDYMAN'S BOOK

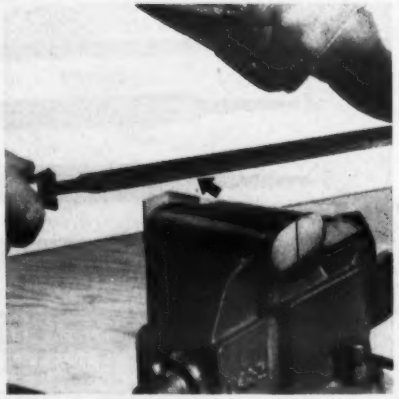
File under Hand tools

Always lock material tightly in vise

Files won't chatter across stock—which dulls teeth—if you keep material to be filed clamped in rigidly and close to jaws of the vise.

To prevent material from being damaged by the jaws of the vise, cushion it with small pieces of wood (if material is wood) or metal.

Files are made in many different sizes and shapes. The sizes you'll probably use most may range from 4 to 12 inches, in shapes of mill, flat, round, half-round, and triangular.



Lift file off material on return stroke. This keeps back of teeth from dulling and wearing and damaging sharp cutting edges.

However, when you're filing soft metals such as lead, aluminum, copper, some brass alloys, and so on, drag the file across the metal on the return stroke to help clean the teeth.

A single-cut file has a single row of parallel teeth. A double-cut file has a second row of teeth criss-crossing the first row.

For coarse filing, hold file as shown. Always exert enough pressure on the file to keep it cutting. Too little pressure causes the file to slip and skip over the work; dulls teeth.

On all flat surfaces, keep the file parallel. Don't let it rock back and forth or you'll tend to round the stock as you progress.

The range of coarseness and fineness of a file is coarse, bastard, second-cut, and smooth. Work you will do determines use.

For smoother cuts and light filing, grip the file this way. Go toward edge of the material for edge sharpening, then away from it for finishing touches, if a keen edge isn't necessary. For draw-filing (finishing touches on long, flat surfaces) push file across material at right angles.

A coarse file has a small number of large teeth, while a smooth file has a large number of small or fine teeth. The cut of a file is determined by this and the spacing of the teeth.

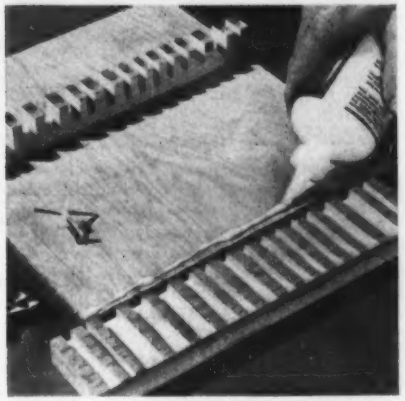
Cut along dotted lines

Keep files sharp by keeping them stored properly

Dull files usually get that way from being thrown down on workbench tops and concrete floors or stored in drawers with other metal tools. To keep them sharp, hang them in a rack. If they go into your tool kit, wrap each one separately in heavy paper or cloth.

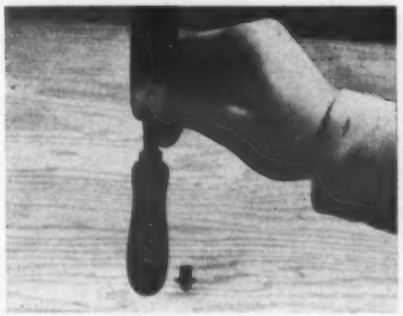
Avoid touching file teeth as much as possible. Moisture from your hands rusts them.

To make storage rack shown here, cut dadoes in strip of 2x2 and 1x4 to form series of slots. Dado both pieces of stock at one time so slots line up. Spacing and width of cuts vary on the number and different-size files you have



Glue and brad dadoed strips to piece of ¼-inch (or thicker) plywood. Make sure slots line up. Bottom strip is fastened on from back; light molding (½x1 inch) is tacked along the front of dado cuts to form "pocket"

Files need handles; you can buy them or make them yourself



Protect your hands from sharp tang of file with tight-fitting handle. To put handle on, insert tang, and rap end of handle on a solid surface. Be sure the handle is the right size for file or tang may split it when you tap it on

Adjustable file handle has viselike jaws that lock file tang in right position. Jaws accept tangs of most files; a flick of the knurled cap at the top operates locking device which works similar to regular hand brace or drill

Kohler fixtures in Peachblow: Mayflower enameled iron bath; Chesapeake vitreous china lavatory.

KOHLER

PLUMBING FIXTURES

First quality only

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The Mayflower bath introduces fresh individuality of design—with a roomy, graceful oval bathing area, and integral seats for foot or sponge bathing. The overall shape allows flexibility in the arrangement of bathroom fixtures. The sparkling, easy-to-clean enamel is fused to a base of non-flexing iron, cast for rugged strength and rigidity. The chromium-plated brass fittings are made expressly for the fixtures.

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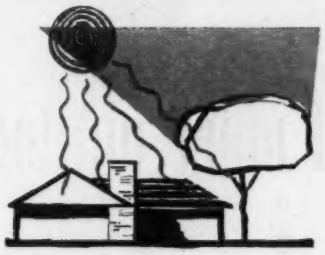


NOT LONG AGO, a team of scientists at the University of Illinois went to work on a typical American small home. They spent little money, installed no machines, but in a few days this house was amazingly cooler in the summer . . . so much so that when it was eventually air conditioned, $840 was slashed from the cost of the mechanical cooling unit.

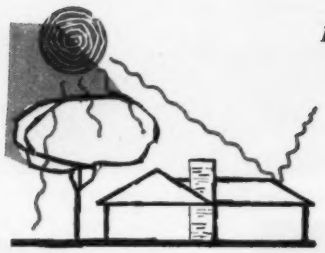
This *same* work made the home so much warmer in winter that $80 was cut from the price of heating equipment—and the savings on fuel alone paid the scientists' expenses, then actually returned a cash profit.

And, here's the most exciting news in home comfort today: You can work this same scientific magic.

Wherever you live, you can have a . . .

Cooler house this summer

By Ronald M. Deutsch



The magic is *heatproofing*. And it means not only that your home can be degrees cooler this summer, but that the ideal in all-year comfort, air conditioning, may now be within your budget—its cost reduced by half or more. Further, this work is an investment which will bring you regular dividends, year in, year out.

What is the theory behind heatproofing? Walter Taylor, who directs research and education for the American Institute of Architects, explains it this way.

"Your home is basically a shell, which protects you from the elements. We spend much effort making that shell resist wind and rain. But we have neglected the factor of heat.

"In summer," continued Taylor, "the shell offers little resistance to heat rushing into your home. In winter, heat rushes out just as rapidly.

"In the past we have solved these problems largely by using machines to remove heat entering in summer and replace heat lost in winter. But this is an expensive solution.

"We now believe in first strengthening the resistance of the shell to heat—keeping it out in summer, holding in winter warmth. We feel this is good common sense. And scientific experiments have proved the theory repeatedly."

For a better understanding of this heatproofing idea, you might try seeing your own home as Mr. Taylor and the heat experts see it. Looking down on your home, you'd see a broad expanse of roof, probably dark in color. In summer this dark expanse behaves like a giant blotter, soaking up the rays of the sun, storing them, and turning the rooms below into so many slow ovens.

How hot does a roof get in summer? When the air temperature is in the 90's, your roof can be a broiling 140 to 165 degrees. Heats as high as 190 have been recorded.

Strangely enough, these high heats are true whether you live in a Boston suburb or the Arizona desert. For while there are big differences in the sun's radiation in winter, summer radiation is much the same throughout the nation. And that radiant heat passes into your home with dismaying speed.

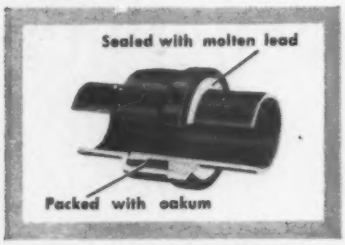
The long stretches of exterior wall are probably lighter in color, and at a less direct angle to the sun, so they get less hot than your roof. But unshaded walls can cook at 135 degrees on hot days, and transfer that heat inward fast.

What makes outside heat move into [*Turn to page 248*

"HONEY, OUR SEWER'S REALLY OUT NOW!"

"The plumber is here now. He says when he tried to ream out the sewer line, his machine cut right through the pipe wall . . . says it's not metal."

"I'll replace it with a *permanent* sewer — cast iron soil pipe. With this material, roots don't stand a chance . . . that's because the pipe joints are sealed with oakum and molten lead."



That's right. Cast iron makes a *permanent sewer line* because only cast iron has rugged metallic strength and joints that are as permanent as the pipe itself.

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Picnic table has attached benches which pivot up between legs for storage or transportation.

Table and benches make use of standard lumber sizes for structural parts. Seats are slightly "dished" for more comfort.

Top is 72x36 inches. Ask for Handy Plan No. 138.

Photographs: Stanley; Wittkowski

Double arm chair has deep, cushioned seats, convenient table in center for snacks and refreshments.

Wooden wheels make it easy to move from place to place. The chairs, like the table, are best built of redwood, left natural, or with pine finished with enamel.

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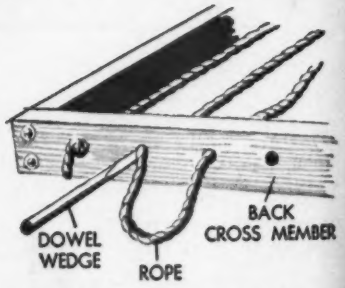
Chair and ottoman are matched pieces. Both are included in one Handy Plan, No. 140. Screws and stop washers are the only hardware you need for assembly. The chair measures 27 inches high, 34 inches deep, 24 inches wide. The ottoman is 24x22 inches



Springy support for foam-rubber cushions used on chairs and ottoman comes from rope lacing.

Rope is strung between front and back cross members and held tight with dowel wedge while you make next loop. Ends are knotted for extra easy adjustment.

You can buy *Better Homes & Gardens* Handy Plans for garden furniture at lumberyards and hardware stores. Or order direct from *Better Homes & Gardens*, 8105 Meredith Building, Des Moines 3, Iowa. Each plan is 50c. Ask for our free catalog showing the 53 designs in the Handy Plan series

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Heat your home the clean, comfortable, carefree way with Chase copper tube radiant heating. Long, flexible copper tubes are easy to install, to make pressure-tight!

A cooler house this summer

Begins on page 245

your home so quickly? Heat always flows from warmer to cooler objects. The bigger the difference in temperature, the faster heat moves. So when walls, windows, roof, and the air around them become hot, this heat pours into your home in a cascade.

This is how the heat experts see your home. And this is the way an air-conditioning contractor sees it as he makes his calculations—which may show a disappointingly high cost for cooling. *For think of the load the machine he installs must handle, the combined heat flows from thousands of feet of hot surfaces.*

Experts have compiled step-by-step procedures for heatproofing a home. The first step is to reduce the passage of heat through the shell of your house. This can be cut 75 percent and more at walls and ceilings. Plugging holes around windows and doors can stop 80 percent of the heat leakage in these areas. Small modifications in the exterior of your home, the use of plants and trees can block heat and actually stir cooling breezes.

The basic idea of much of this process is an old concept which has been given new meaning—*insulation*, building up the heat resistance of roof, walls, and windows.

This heat blockage works for you both winter and summer. In winter it stops the rush of heat from your house toward the outdoors. So you use less equipment to replace lost heat. Heatproofing has cut the heating-cooling fuel cost of a New York home from $246 to $87 a year. In Dallas, it meant a drop from $344 to $136. In Jacksonville, $404 to $133. And these savings continue for many, many years.

Modern insulations are of many kinds. There are glass, mineral and vegetable fibers, reflecting foils, boards of gypsum and wood chips. All of these have one attribute in common. They seal in spaces of dead air, which is the best insulator known.

How should these insulations be used in your home?

Almost everywhere in the United States experts will suggest 4 inches of ordinary "Loose Fill" (vermiculite, mineral wool, etc.) insulation in your roof, or 3 inches of "Blanket" and "batt" types which may or may not be enclosed in foil or specially treated paper coverings. This generally stops at least three-fourths of the heat coming from your roof.

The cost of insulation of this thickness should be about 10 cents for a square foot. But if your home has an unfinished attic space, you can easily do the job yourself for 7 cents a square foot. Manufacturers will supply explicit instructions, well illustrated and without charge, and your only tools need be a stapler and cutting tool.

If your attic is finished, however, or if yours is a flat roof or a plank roof in which roof and ceiling are the same, you will definitely need the advice, and possibly the labor, of an expert.

The flat or plank roof, or the roof in a finished attic pose problems in an existing home. There may be space enough to blow insulation into place, or to slide rigid insulation in. If you are reroofing, the simplest procedure might be to place insulation on your present roof, then put the new roofing on top of it.

Another way to reduce the heat absorption of your roof is to lighten the color. If the pitch is steep use a light-colored shingle—if flat use light-colored crushed rock, slag, or marble chips. This will often reduce the sun's heat by as much as 50 percent.

A logical and effective way of protecting your roof from the sun is with *shade*. A tall tree can stop a good deal of heat, and your local nurserymen can recommend several fast-growing varieties. But remember that a fast-growing tree usually has a short life.

One shading trick used by natives in the Pacific is the "second roof." Over their huts the natives rig a lattice of vines and palm fronds, open enough to let air circulate, but closed enough to provide shade. As the air warms beneath the lattice, it's pushed out, pulling cooler air in behind it.

You can use the same idea by building a lath framework and training a vine over it. This is a good cover for a porch or an added room which has no attic over it.

This principle also suggests some ideas for the insulated home with space between roof and ceiling. Even when the attic is insulated, the air inside accumulates heat and stagnates. Often this heat trap can nullify insulation.

It is very important to ventilate that air space, not only for comfort, but to prevent damage from heat and moisture.

Your insulation adviser will help you with *ventilation*. One way is to install the right size triangular grills at each end of the gable.

It is good, too, to ventilate at the eaves, where the roof meets the side wall. And in many roofs, such as flat roofs, hip roofs, or pitched roofs with finished attics, the small air space needs a fan for good air movement.

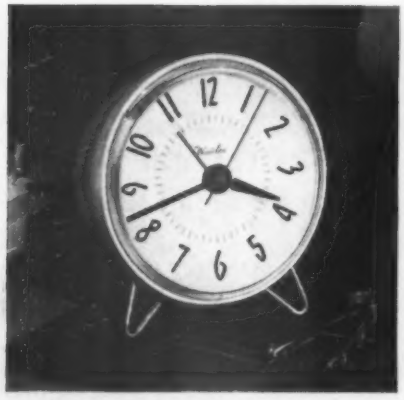
When your roof is insulated and ventilated, and shaded or lightened to reflect heat, some room temperatures may be 10 degrees lower on hot days. Winter fuel bills may be lower by a third. And air conditioning may cost a few hundred dollars less.

Heat accumulates in the best

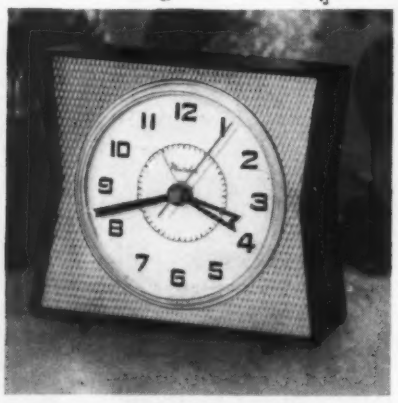
A small clock can make a big change in a room

...especially when it's one of these petite and perky Westclox

LA SALLITA SPRING ALARM (luminous)—Rare is the room that won't brighten a bit when graced with this daintiest of spring alarm clocks. Only 3" high, La Sallita has traditional lines in its sturdy, dust-resistant metal case. Rubber mounted movement. Quiet tick. Easy-set alarm indicator on dial. Bell alarm calls you pleasantly. Ivory or pink finish, gold color trim. Plain dial, **$4.50**. Luminous (shown), **$5.50**.



PIPER ELECTRIC ALARM—A flair for the modern? Then here's a trim and tiny timepiece to catch admiring eyes. Only 3½" high, Piper has a metal case finished in ivory or saddle brown, with brass "legs." Plain dial (shown), only **$3.98**. With luminous dial, **$4.98**.



DASH ELECTRIC ALARM—This clock has plenty of dash, indeed—dramatic new case in black plastic with recessed front of gold-colored metal. Non-breakable crystal. Sweep hand. Alarm goes to work with steady call. Plain dial (shown), **$5.95**. Luminous, **$6.95**.

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protected house. And there are many heat sources within your home. You can and should provide venting for kitchen and bath, and especially for a clothes dryer.

Your next project is increasing the heat resistance of outside walls, and insulation is the first step again.

In many existing frame houses wall insulation is easily blown into the space between inside and outside walls. This costs the same as contractor-installed roof insulation.

East, west, and south walls are the big heat absorbers. But unless you rarely need winter heating, remember that the north wall may *lose* much of your winter warmth. So it is wise to use some insulation all around. Three and five-eighths inches is usually considered maximum wall insulation.

Masonry walls, are easy to insulate while the building is going up. Walls of masonry veneer on frame can be insulated like other frame walls.

Luckily there are many ways to stop heat before it reaches your walls. Light-colored paints are a great help. White will give you best heat protection.

With the exception of color, most other wall-protecting tricks work to keep heat away from windows as well. So it's best to consider walls and windows as a single unit.

Glass transmits some 90 percent of the heat that strikes it. You might add up the total glass area of your home. You may find that for heatproofing purposes this glass area makes a hole in your house one or two hundred square feet in size. Heat pours through this hole —always in the wrong direction— all year.

If you have a new home on the drawing board, the solution is easy. If yours is an existing home, it may take a little work or money to heatproof it. It is probably a worthwhile investment.

The way to insulate glass is simply to put another sheet of glass behind it—sealing an air space in between. The old storm window is a good example of this technique. But the storm window is not nearly as effective as its modern counterpart, double glazing.

Double glass comes from the factory with an air space sealed in, to give maximum insulation and to prevent the formation of moisture in the air space. It is sold in many styles, with different thicknesses of glass and air space. Usually the larger air space costs no more, but adds about 5 percent more effectiveness against heat.

Keep in mind the cracks around windows and doors, too. Weatherstripping gives you extremely good protection both winter and summer. Experts figure 60 to 80 percent savings on heat loss and gain in these areas.

One other way to reduce window-heat gain is with the use of louvered shade screens. These are somewhat like insect screens. But instead of a grid of straight wires, they use wider, angled metal strips in one direction—the strips being like the slats of tiny venetian blinds.

Before you begin shading, however, it's a good idea to study the *orientation* of your home, the way in which it is placed with respect to the points of the compass, the angles of the sun, and the prevailing winds.

You might draw a scale outline of your home and lot, then indicate the compass directions on the paper. This will give you an idea of which parts of your home shell need attention.

For summer-heat protection you can almost ignore the north-facing walls. These will be in shadow most of the day.

The south wall, however, gets sun nearly all of the day. During mid-day it gets very direct sun, but this is mitigated by the fact that the sun is then at a high angle. East and west walls get low sun, in about equal amounts. But the west wall is usually considered the hottest, since it gets low, direct sun when the air is already warm, late in the day.

For these reasons, experts believe the *ideal* orientation of a home is facing south, with the length of the building along an east-west line. This makes the areas which get the most direct sun relatively small.

During summer the high sun in the south can be stopped by a simple extension of the roof, an overhang, porch, awning, or open framework with vines. In winter, the sun is so much lower that it shines under the overhang and adds warmth when it is needed.

Overhangs also help east and west walls. But because the sun is usually low when it strikes the areas, the overhang must either be extremely wide or give only partial shade.

Another kind of shade is better for these walls. Trees, a row of hedges, trailing vines down the wall, a vine-supporting trellis or espalier block the low sun well. One inexpensive idea is to stretch wires from the end of the roof to the ground and train climbing plants along them.

When plant life shades your walls, it usually permits circulation. Also, it is fully leaved in summer, when you need shade, and the leaves fall in the winter to let in warmth.

Look about your home, too, for heat reflectors. Do you have a concrete walk, driveway, or patio? It can act like a mirror to reflect heat past overhangs and raise the heat of windows and walls. Tinting concrete can stop this.

Greenery of any kind is a big help. Not only is it slow to absorb or reflect heat, but the moisture on plants evaporate to cool surrounding air. You might use plants to shield driveways, cover light-colored outbuildings, fences, or walls.

Water is always an effective cooler. In fact, if you can't insulate your roof, sprinkling it will help in a hot spell.

If you are planning a home now, the experts suggest you place garages, walls, or covered patios so they protect west and east walls of your home.

As you adjust your garden for heat efficiency, remember that a wind can wipe heat away. So avoid

[*Turn to page 251*

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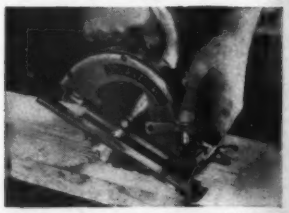
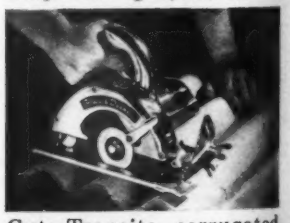
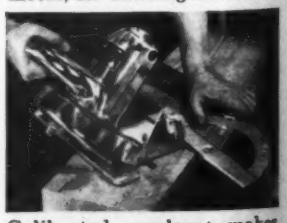


This saw does everything—even makes pocket cuts!

Makes every cut—jack rafter, compound angles, bevels.



Cuts Transite, corrugated metal, *all* building materials.



Calibrated quadrant makes precision bevel cutting *easy!*

A cooler house this summer

Continued from page 249

stopping summer breezes and plant to block winter winds.

Winter and summer winds are usually in such a relation to one another that blocking one will promote the other. One device for doing this is the planting curve.

Assume, for example, that your prevailing summer wind is from the west, your winter wind from the north. Your planting curve, a row of hedges or trees or shrubs, would run from west to east, curving slightly around the northeast corner of your house. The space between house and planting curve would be wider at the western end, and narrow, like a funnel, as it went around the corner.

Desirable west winds on warm days enter the funnel and speed up as it narrows, cooling hot building surfaces. In winter the curve would be a roadblock for north winds.

None of these heatproofing ideas need be taken in any special order. Each will help, and the total effect can really take the sting out of hot weather.

Short of mechanical air conditioning, one of the best and simplest ideas for summer living is to open your house wide to cool night air, close it tight on east and south walls in the morning. Attic fans will blow heat out of the attic to speed up night cooling and accelerate the effect of louvers and eave vents.

Heatproofing itself won't replace air conditioning. Rather it should be thought of as sensible preparation for cooling, which will cut cooling needs, make for lower fuel costs and give you finer operation. Experts point to heatproofing as a way to bring conditioning to millions at a practical price.

Famous foods

Continued from page 117

Rich Pastry

2 cups sifted enriched flour
1 teaspoon salt
⅔ cup shortening
5 to 6 tablespoons cold water

• • •

3 tablespoons slightly softened butter

Sift together flour and salt. Cut in shortening. Add water, 1 tablespoon at a time, over part of mixture, tossing with fork. Form in ball. On lightly floured surface, roll to 20x10-inch rectangle, about ⅜ inch thick. Dot with 2 tablespoons of the butter; fold dough in thirds crosswise. Dot with remaining butter and again fold in thirds. Roll into 20x10-inch rectangle. With pastry wheel or knife, cut into eight 5-inch squares for turnovers.

Chef Gillander's Creamy French Dressing

⅓ cup tarragon vinegar
1 tablespoon mixed pickling spices
1 bay leaf

• • •

½ teaspoon dry mustard
¾ teaspoon salt
1 to 3 teaspoons sugar
Dash white pepper
1 teaspoon paprika
2 egg yolks

• • •

1 cup salad oil

Combine vinegar, pickling spices, and bay leaf; heat just to boiling. Remove from heat and let steep few minutes. Strain out spices, reserving vinegar. Combine mustard, salt, sugar, pepper, and paprika; add egg yolks. Blend in the vinegar, mixing well. Slowly add salad oil, beating with mixer or rotary beater, till ¼ cup has been added. Pour in remaining oil in increasing amounts, beating till thick and well blended. Serve with Pineapple-boat Fruit Salad (see page 93) or with Chef's Salad Bowl. Makes about 1½ cups.

Fudge Sauce

½ cup light corn syrup
1 cup sugar
1 cup water
3 1-ounce squares unsweetened chocolate
1 teaspoon vanilla
½ cup evaporated milk or heavy cream

Combine light corn syrup, sugar, and water. Cook to soft-ball stage (236°). Remove from heat and add chocolate; stir till chocolate melts. Add vanilla. Slowly stir in evaporated milk; mix well. Cool. For thick sauce, chill before using in Fudge De-lights (cupcakes split in half and filled with pink peppermint ice cream, Fudge Sauce spooned over—for picture see page 93). Makes 1¾ cups.

Teton French Toast

Cut day-old bread slices into tall triangles to resemble Teton peaks (see picture, bottom of page 93). Combine 1 cup milk, 2 well-beaten eggs, and ¼ teaspoon salt. Dip bread into milk-egg mixture. Fry in hot fat till golden brown. Sift a "snow" of confectioners' sugar on peaks. Serve hot with butter, maple syrup, and currant jelly.

Chef's Salad Bowl
(not pictured)

Fill a wooden bowl brimful of crisp salad greens (approximate amounts: 1 small head lettuce, 2 heads Bibb lettuce, ½ head curly endive—or perhaps chicory or romaine). Add 1 avocado, diced. "Drench" with strips of cooked ham (2 cups) and turkey (1½ cups), strips of Swiss cheese (about 2 slices), anchovy fillets (1 can). Garnish with tomato wedges, hard-cooked-egg slices, olives, pickles, and relishes. Drizzle with Chef Gillander's Creamy French Dressing or Italian dressing and toss. Makes 8 servings.

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There's only one way to give your dog a complete safe worming at home. Use a product proved effective against the two most frequent worms.

Large roundworms steal his food, common hookworms suck his blood. Either can kill a puppy and seriously weaken an older dog.

You eliminate *both* types of worms with Sergeant's Sure Shot Worm Capsules. (Get Puppy Capsules for puppies and dogs under 10 pounds.) Sergeant's outsells all other worming products 2 to 1. Use at least twice a year and protect your dog. Only 75¢ at any drug or pet counter.

Sergeant's®
SURE SHOT WORM CAPSULES

For families who enjoy and take pride in their homes, there's no more appropriate gift than a subscription to *Better Homes & Gardens.*

Do FALSE TEETH Rock, Slide or Slip?

FASTEETH, an improved powder to be sprinkled on upper or lower plates, holds false teeth more firmly in place. Do not slide, slip or rock. No gummy, gooey, pasty taste or feeling. FASTEETH is **alkaline** (non-acid). Does not sour. Checks "plate odor" (denture breath). Get FASTEETH at any drug counter.

in seconds!

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1. LOOSENS MUCK! Works in a jiffy... in seconds!
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4. PREVENTS CLOGGING! Stops it before it starts.
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NO FUMES!
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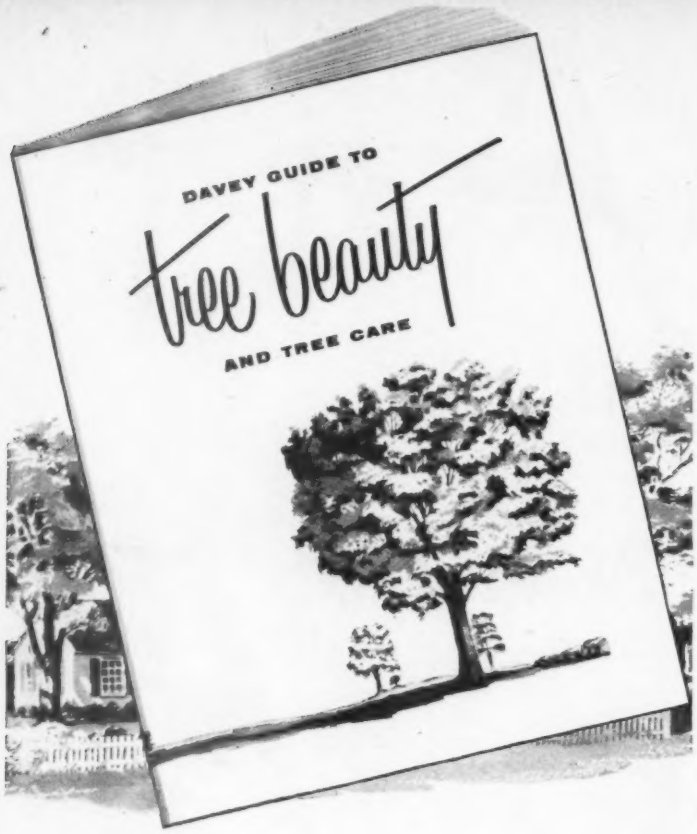
Guaranteed SIMONIZ Quality



Do you own a tree? Or want to own one?

You'll enjoy this beautifully illustrated book by the Davey Tree Expert Company—for only 25¢

Everybody loves trees but hardly anyone really knows them, thoroughly. Your trees are probably the most precious, most magnificent, most difficult to replace joys in your garden. But do you know the simplest rules of tree care?

You'll spend delighted hours with this picture-spangled 36-page book. It's filled with important tips to help you bring out the full beauty of your trees; pages of simple care that every homeowner should practice; things to watch during house construction to avoid damage to priceless trees already on your lot.

Extensive lists tell which trees to choose for various ornamental effects, for screen, for shade, for seasonal color. Also special lists of trees for "difficult" spots; trees for low, branching screen to give privacy to your outdoor living area.

This book cost much more than 25¢ to produce and mail. It's a special offer. Order an extra copy for your garden club and for your children to take to school. Enclose 25¢ in coin (no stamps, please) and write now to the . . .

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Enclosed is 25¢ in coin for my copy of "Guide to Tree Beauty."

NAME _____

ADDRESS _____

CITY _____ ZONE ____ STATE _____

Kitchen built-ins for the handyman

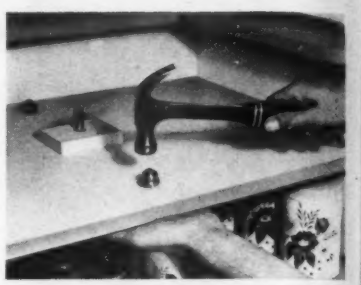
Begins on page 230

These units boost closet storage

This "closet"—before it was remodeled—was a real storage problem for containers.

Volume here was plentiful—but use of it was bad. Three shelves was all it had. Now, a Lazy Susan puts center space into action. Balcony shelves build up formerly wasted room to the ceiling.

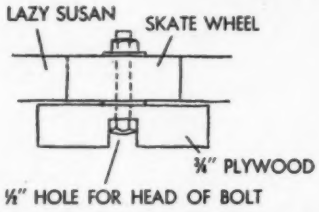
A 6-drawer unit and pull-out bins (see illustration below) make it efficient.

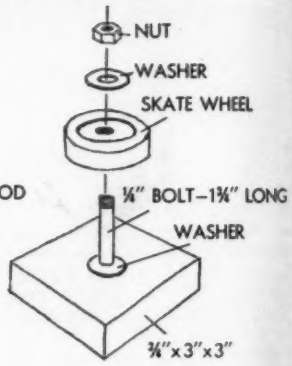


Furniture glides support the Lazy Susan at outer edges. This type has a steel ball that rotates as Lazy Susan turns.

Glides offer good support even when heavily loaded.

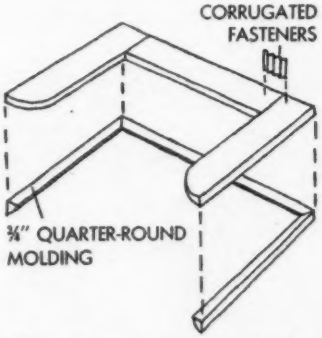
When swinging a hammer to install the guides, support underside of shelf to prevent it from being knocked loose.

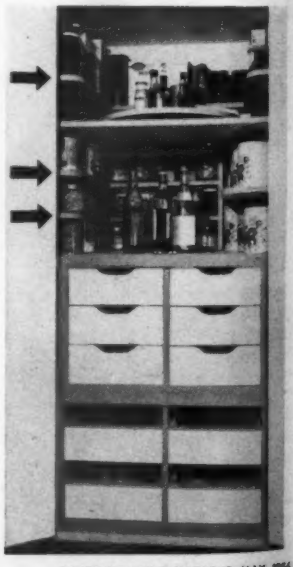




To mount Lazy Susan, nail a ¾"x 3"x3" block of solid wood to shelf after you insert bolt.

Make sure skate wheel is tight fit in hole you counterbored in bottom of Lazy Susan. Expansive bit gives you the right diameter.





Balcony shelves (arrows) provide added storage space for canned goods. To make them, cut stock to width of articles to be stored.

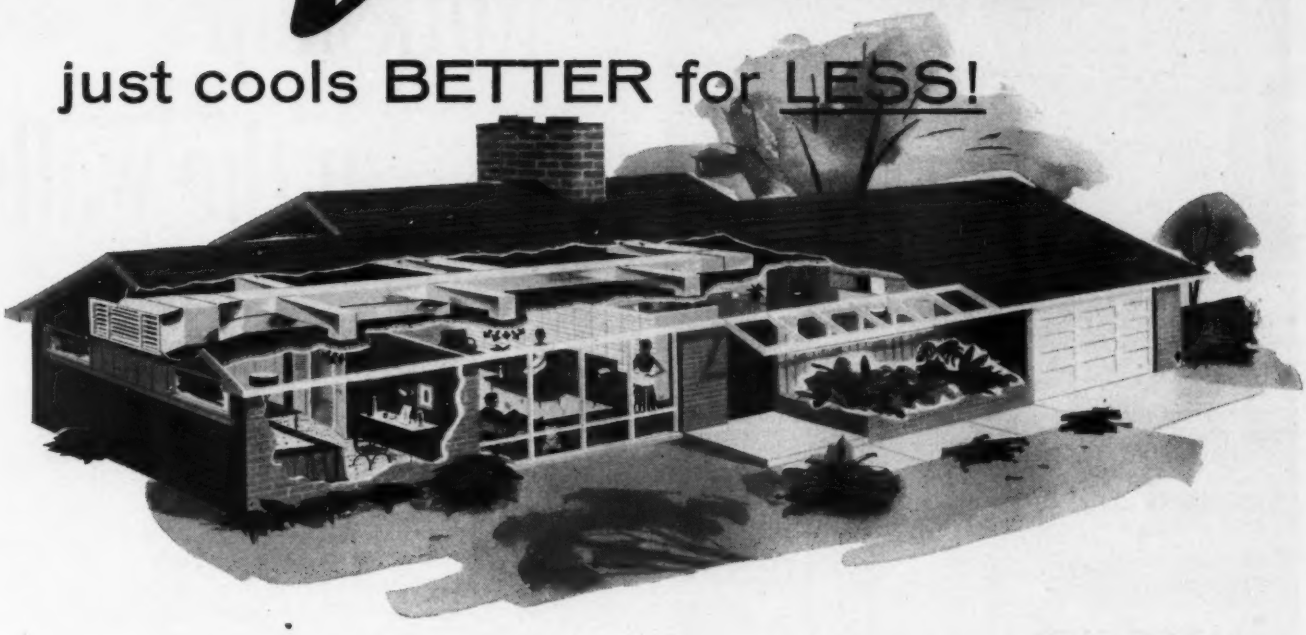
Widths of 3 to 4 inches are generally adequate for most canned goods. For support, fasten quarter-round to side of cabinet or closet with finishing nails.

More on page 266

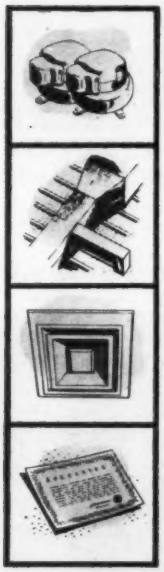
thousands of homes prove **conclusively**

Vornado®

just cools BETTER for LESS!



Vornado Central Air Conditioners Cost Hundreds of Dollars Less...Here's Why—



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Two powerful compressors provide super cooling...economically. For normal summer days one compressor maintains proper level of humidity and temperature. For extremely hot days both compressors operate for maximum cooling comfort.

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Vornado-engineered and "sized" to insure maximum scientific delivery of cooling air to every room. Prefabricated for quick, low-cost installation.

ADJUSTABLE ROOM AIR DIFFUSERS
Exclusive four-way grille, located in every room, gives quiet, full-room air circulation. Adjustable dampers permit control of air volume in each room.

FULLY GUARANTEED
Vornado Central Air Conditioners are pre-packaged, pre-engineered, and carry a written factory warranty.

Vornado's dramatic new engineering advances have drastically reduced the initial cost... installation cost... and operating costs of complete home air conditioning.

New air-cooled design eliminates expensive valves and water connections, costly accessories. Pre-fabricated Fiberglas ductwork greatly lowers installation time and costs.

Vornado's new central air conditioner was specifically designed for the average home... the average budget. Performance has been proved in thousands of homes. Yes, Vornado just cools BETTER for LESS... hundreds of dollars less!

LOW DOWN PAYMENT ... 3 YEARS TO PAY

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The O. A. SUTTON CORPORATION • Wichita, Kansas

Specialists in the manufacture of comfort cooling appliances

It's Home Improvement Year!

WRITE TODAY FOR COMPLETE DETAILS

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Gentlemen: I would appreciate information on your low-cost central air conditioner.

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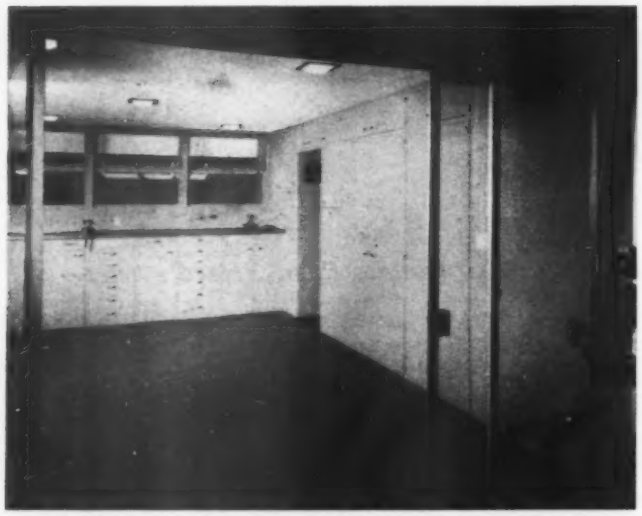
BHG - 565

This 12x20-foot recreation room **conceals a workshop, but you'd never guess it from appearances here. The only hint to the room's dual nature comes from the banks of storage doors and cabinets that line the walls. But when you clear the space of chairs and the dining table . . .**



. . . the shop's ready for action! **Workbench runs full length of wall, to take full advantage of light that pours in through windows. Hand tools go in stacks of drawers, just an arm's length from where they're used most. Flush lighting fixtures in ceiling supply balanced illumination**

Photographs: de Gennaro

Lathe is in shop of its own. **Door and drawers built into the stand hold accessories. Disc sander next to lathe folds out of wall like grinder next to bench. Grinder is mounted on fold-out door, too. Tilting arbor table saw glides on casters, stores in its own "garage" below workbench**

Workshop in the walls

By Pauline Graves

Most workshops rate as afterthoughts in planning a new house. A corner of the basement here, a wall of the garage there, seldom first-floor space—space that's really important.

But the Howard Lewises of Newport Beach, California, didn't see it that way. Why not, the Lewises reasoned, a first-level room that could double as space for the handyman?

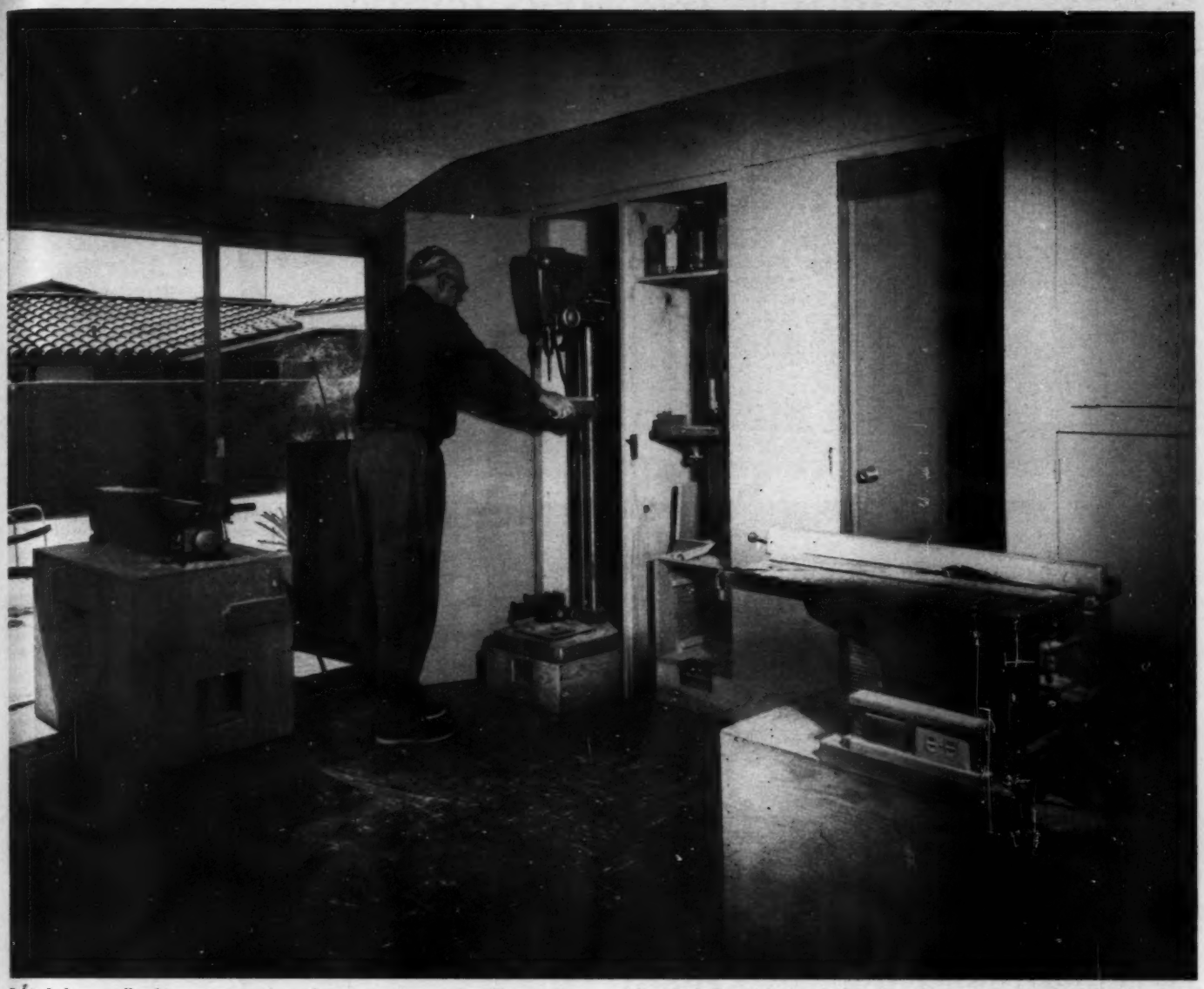
The bright, up-out-of-the-basement workshop you see here was Mr. Lewis' answer—a workshop that's built into the walls of the recreation room. When family activities are scheduled, the shop folds away neatly behind cabinet doors and into drawers. When there's a job on tap, tools are simply rolled to position on individual stands and tables.

Study the pictures on these pages closely. Whether you're building new, or just reshuffling the old, there are ideas here to improve any workshop—above ground or below!

More on page 256

What's not on wheels folds into the walls

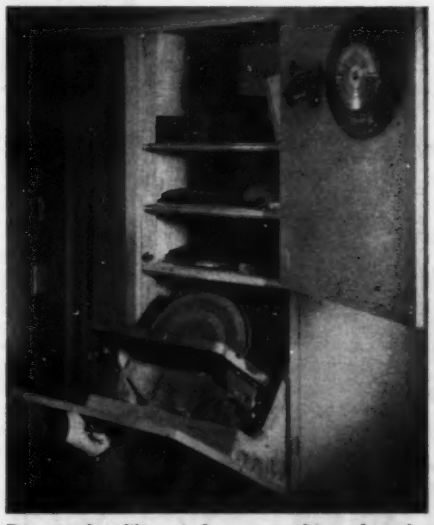
Grinder shown here folds down on bench; it is mounted directly to cabinet door. Tall cabinet below is specially suited to oxygen-acetylene bottles and torch. Narrow unit to left of grinder is just right for sheet materials. Cabinet just above the grinder holds accessories



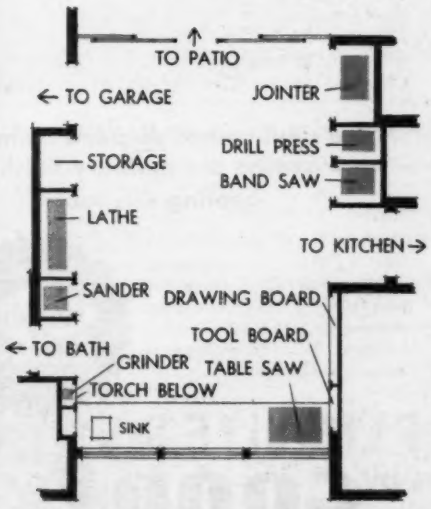
Behind those wall cabinets, every piece of major equipment is rolling stock—joiner, drill press, bandsaw, and table saw. Tools are mounted on plywood tables which Lewis designed. Stands roll on casters you raise and lower by pedal. The casters are "lifted" from the floor when the tools go into action

—planning desk and drawing board, grinder, disc sander

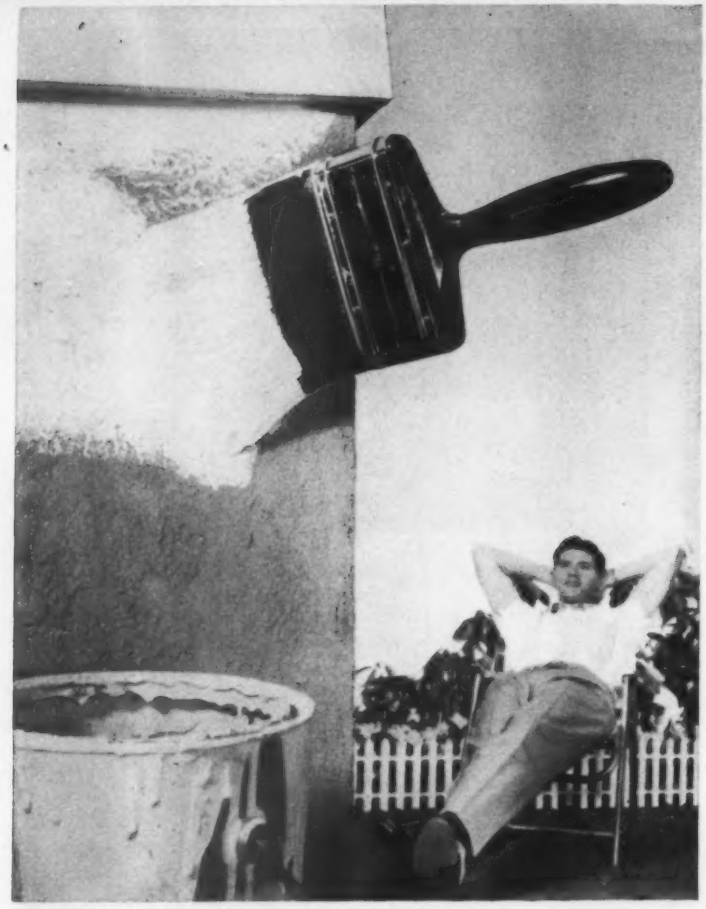
Planning center comes out of wall, too. Drawing board folds down and is caught by cleats fastened to doors. Seat slides into storage under bench. Shallow cupboard holds braces, handsaws, square, and level



Disc sander, like grinder, uses cabinet door for table. Crosspiece fastened to side members strikes door jamb to hold table at working position. The shelves above store disc and sheet abrasives



Sliding glass doors to patio permit easy movement of materials to and from shop. Every bit of wall space is devoted to cabinets. Workbench takes up the best position for natural lighting



It hasn't happened yet!

LET'S FACE IT! No matter how easy to use some paints supposedly are, houses are not yet painting themselves. Someone—mostly you—still has to prepare the surface and apply the paint. And that takes enough time and effort—not to mention cost of the paint—for you to consider more than just ease of application.

Far more important is the question of durability, or how long before you may be back on the ladder, doing the job again. This is especially true when it comes to masonry surfaces. The reason? All masonry contains alkalies and moisture which can destroy ordinary paints and require repainting in a few short months.

To avoid premature repainting, be sure to choose a paint specifically designed for masonry, a paint made with PLIOLITE S-5—*the synthetic rubber resin.* Masonry finishes based on PLIOLITE S-5 have been made by leading paint manufacturers for over ten years and in this time they have been fully proved to last up to *20 times longer* than other paints on all types of masonry. See your dealer for details. Or write to: Goodyear, Chemical Division, Dept. Q-9448, Akron 16, Ohio.

And until houses do paint themselves, always use masonry finishes bearing this seal—

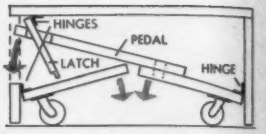
The PLIOLITE S-5 seal on the can label is a sign of tailor-made paint which not only applies with relative ease, but fully resists alkali attack and weather to give you a lastingly beautiful finish on all types of masonry. Look for it!

PLIOLITE S-5 by GOODYEAR

Pliolite—T. M. The Goodyear Tire & Rubber Company, Akron, Ohio

Workshop in the walls

Begins on page 254

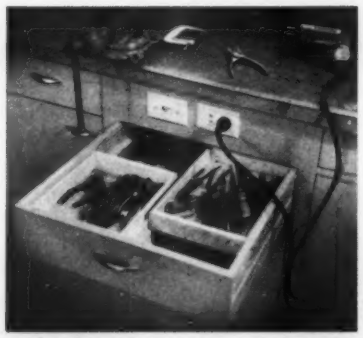


Here's how tools are made mobile. Caster wheels are fastened to boards which are hinged to stand. When foot pedal is depressed, wheels are lowered to rolling position. Notched latch locks pedal. To drop stand and lift the wheels, you release foot pedal by tripping latch with toe

Here's a storage idea you can use in any shop. Cardboard milk cartons cut in half serve as bins for nails, screws, and other small parts.

Cartons fit neatly into a drawer below bench top.

Working surface of bench is of durable hardboard recessed below the edging strip on front of bench.



Sliding trays glide back and forth within another drawer, utilizing every inch of space for small-tool storage.

Quarter-inch electric drill draws power from convenience outlet below bench top. Other outlets are located in back of bench on wall and near grinder.

Auxiliary switch for table saw is safety measure which gives Lewis optimum control over the power tool.

Ledge over switch and outlet keeps them free from sawdust. Power cables for each piece of machinery lead out from junction boxes in cabinets where the tools are stored.

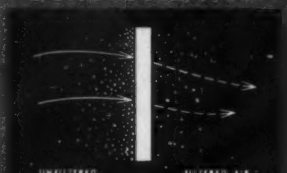
Which Bedroom is Yours?

Weary, restless . . . breathing sultry, oppressive, impure, lifeless air. Doomed to another sweltering, sleepless night—no relief in sight. It's easy to see that there is no air conditioning in this bedroom.

Relaxed, enjoying sound sleep . . . refreshingly cool and breathing the purest, dust- and pollen-free air possible, because the room air conditioner is a new Electronically-Advanced RCA WHIRLPOOL.

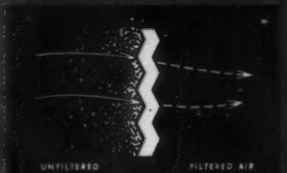
New RCA WHIRLPOOL Electronic Filter Air Conditioners set new standards for cool, refreshing sleep!

ACTUALLY 300% MORE EFFECTIVE!



ORDINARY FILTERS

Conventional, mechanical filters screen out only average-size dust and dirt particles. Microscopic particles slip through into your room along with the cool air.



ELECTRONIC FILTER

300% more effective—electronically stops dirt, dust, and pollen particles as small as 1/25,000 of an inch in diameter . . . yet all the cool air comes through!

Never before has a room air conditioner offered so much for hot weather relief and year 'round comfort! New 1956 RCA WHIRLPOOL Electronic Filter Air Conditioners are the first to purify air electronically! They're the first to bring you air that's mountain-top pure, draft-free, temperature-controlled, and correctly humidified *every day of the year!*

The RCA WHIRLPOOL Electronic Filter Air Conditioners refresh you with delightful, balanced cooling in hot weather, and give you gentle warmth with controlled ventilation in chilly weather. And they promise blessed relief for sufferers from hay fever and other airborne allergies.

Experience what these vital benefits can mean to you and your family, today. See the exciting new 1956 models of RCA WHIRLPOOL Air Conditioners—first to bring you the sensational new ELECTRONIC FILTER!

Only an RCA WHIRLPOOL Gives You All These Advantages

- New Electronic Filter
- Automatic Thermostat for constant temperature control at your comfort level
- Air Velocity Control for infinite degrees of cooling
- Easiest operation with push-button controls concealed in "Climate Tuner" panel.
- "Directionaire" Grille circulates draft-free air where you want it
- Whisper-quiet "Hush-a-Bye" fans
- Decorator colors. Inconspicuous flush mounting
- "Heart-of-Cold" compressor with 5-year warranty

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AIR CONDITIONERS

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This is the way we built our house!

Begins on page 217

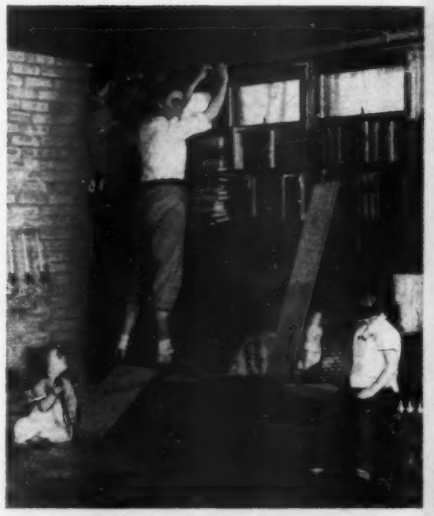
Cynthia told her friends we can walk through our walls. And so we can! George made the sliding glass doors. Four-foot overhang does the work of shades without blocking our view.

The terrace was built from large hunks of broken-up concrete hauled from a friend's torn-down barn.

Almost everyone in Minnesota likes a year-round porch. We have one—with our living room!

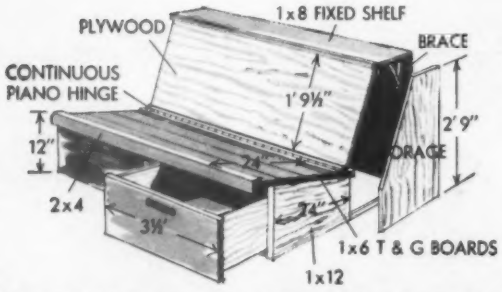
In the summer, we can slide open (on a metal track) the 6x6½-foot glass doors for the prevailing breeze from the southeast; and in the winter, we have a view of snow and woods that few porches offer.

We made the two dining tables from six mahogany leaves of an old round dining table, using one-inch pipe for legs. There are casters on two legs of each table, so one or both tables are easily pulled out. With both tables out, we can seat 10 guests. The near-solid kitchen wall is on the north



Cynthia was just 3 months old when all this began. George, Jr., has come to prefer George's tools to his own things. Here, we're weatherproofing around the high transom windows.

We're about to start building the couch below shelves where Cynthia is sitting. Shelves are set on adjustable brackets.



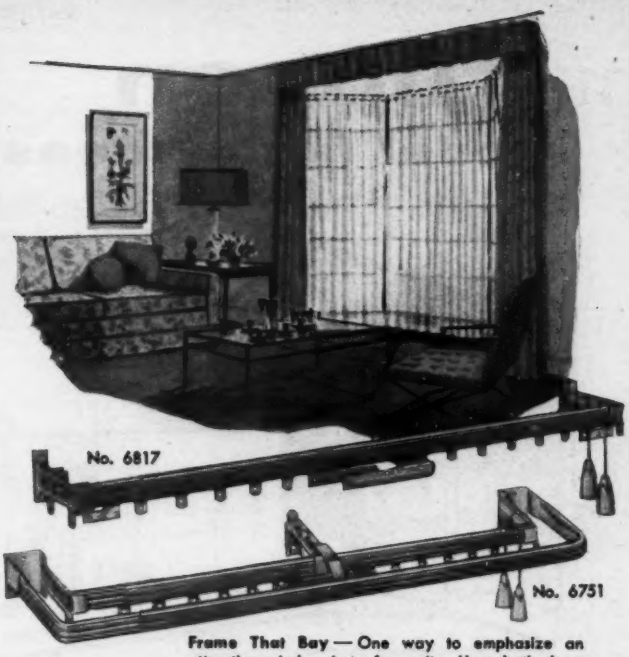
You can duplicate our couch. There will be drawers the length of the couch (19 feet). The back is hinged to pull down for more storage space. With cushion, seating height is a comfortable 16 inches

In the winter, we do most of our entertaining around our natural brick fireplace, using the platform as a buffet. Eventually (next project, I hope), we'll have drawers on the front of the built-in couch (see drawing at left). Bookshelves and high windows face west—a solid front to challenge hot summer sun. Three old window shutters became a coffee table

Exciting Ways To Decorate Your Windows

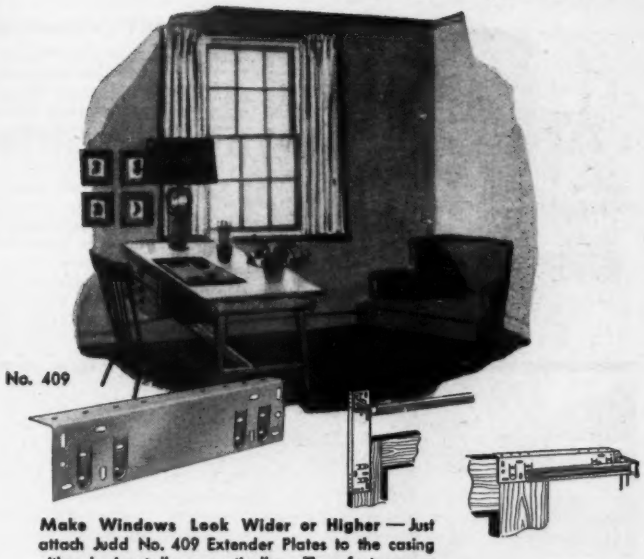
by ANNE DAVIS
Judd's consultant on interior decorating

There are many "right" ways to decorate any window. The best are those which express the mood of the room — *and* your own personality. Before you shop for fabrics, though, it will pay you to see what's new in Judd Drapery Fixtures. For remember, the success of any window treatment both literally and figuratively hangs on a fixture. Shown here are just a few of the sturdy fixtures Judd has designed to help you create smart window effects. See them at your favorite store — and for hundreds of other ideas get Judd's authoritative color book on window decoration.

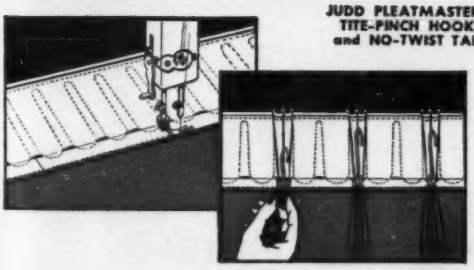


Frame That Bay — One way to emphasize an attractive window is to frame it. Here both draw draperies and valance hang on one combination fixture, Judd's No. 6751. Pleated glass curtains on No. 6817 traverse rods soften the light.

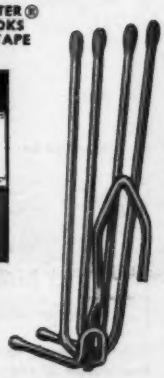
Gay Sidewalk-Cafe Effect is smart in playroom, kitchen or dining area. Two Judd curtain rods (2" and 8" projections) form the awnette. Cafe curtains hang on No. 4112 extending set.



Make Windows Look Wider or Higher — Just attach Judd No. 409 Extender Plates to the casing either horizontally or vertically. Then fasten your traverse rod to the ends of the plates.



JUDD PLEATMASTER® TITE-PINCH HOOKS and NO-TWIST TAPE



Make Lovely Pleated Drapes in Minutes — Just sew Sanforized Pleatmaster tape across drapery heading. Then slip hooks into pre-sewn pockets on the tape. Quick, easy, perfect!

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Drapery Fixture

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Ideas for every type of window. 32 pages. More than 100 color illustrations. Easy "how-to-do-it" instructions. Send 25c.

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Please send me your book "Exciting Ideas For Window Decoration." I enclose 25c in coin.

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This is the way we built our house!

Begins on page 217

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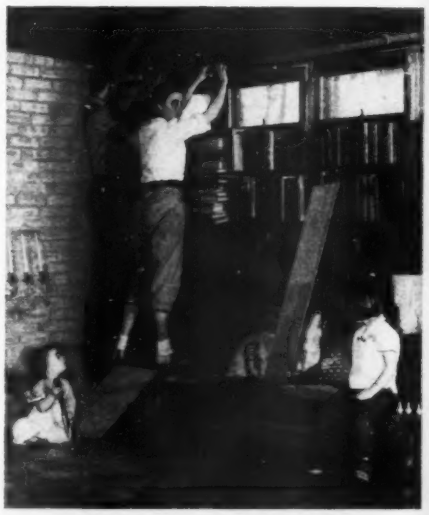
Almost everyone in Minnesota likes a year-round porch. We have one—with our living room!

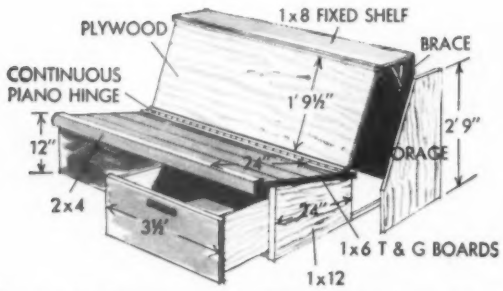
In the summer, we can slide open (on a metal track) the 6x6½-foot glass doors for the prevailing breeze from the southeast; and in the winter, we have a view of snow and woods that few porches offer.

We made the two dining tables from six mahogany leaves of an old round dining table, using one-inch pipe for legs. There are casters on two legs of each table, so one or both tables are easily pulled out. With both tables out, we can seat 10 guests. The near-solid kitchen wall is on the north



Cynthia was just 3 months old when all this began. George, Jr., has come to prefer George's tools to his own things. Here, we're weatherproofing around the high transom windows.

We're about to start building the couch below shelves where Cynthia is sitting. Shelves are set on adjustable brackets.



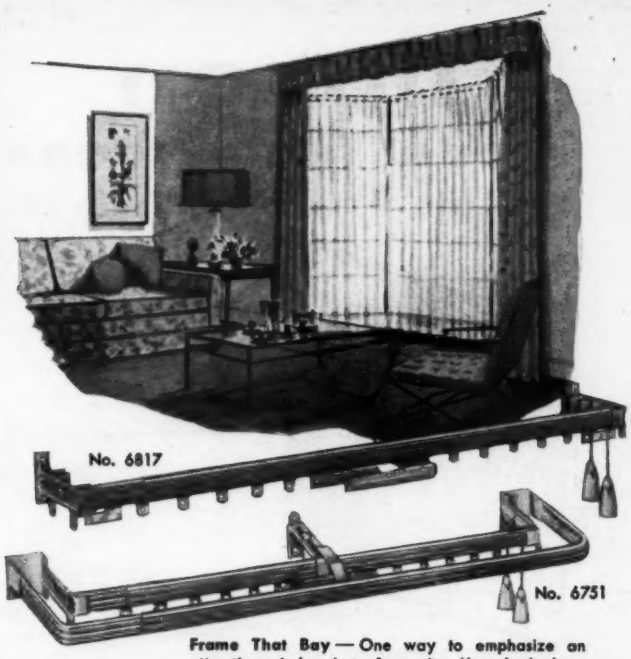
You can duplicate our couch. There will be drawers the length of the couch (19 feet). The back is hinged to pull down for more storage space. With cushion, seating height is a comfortable 16 inches

In the winter, we do most of our entertaining around our natural brick fireplace, using the platform as a buffet. Eventually (next project, I hope), we'll have drawers on the front of the built-in couch (see drawing at left). Bookshelves and high windows face west—a solid front to challenge hot summer sun. Three old window shutters became a coffee table

Exciting Ways To Decorate Your Windows

by ANNE DAVIS
Judd's consultant on interior decorating

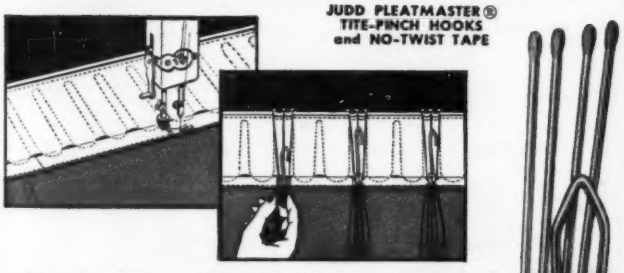
There are many "right" ways to decorate any window. The best are those which express the mood of the room — *and* your own personality. Before you shop for fabrics, though, it will pay you to see what's new in Judd Drapery Fixtures. For remember, the success of any window treatment both literally and figuratively hangs on a fixture. Shown here are just a few of the sturdy fixtures Judd has designed to help you create smart window effects. See them at your favorite store — and for hundreds of other ideas get Judd's authoritative color book on window decoration.



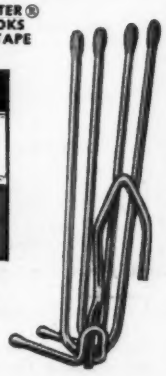
Frame That Bay — One way to emphasize an attractive window is to frame it. Here both draw draperies and valance hang on one combination fixture, Judd's No. 6751. Pleated glass curtains on No. 6817 traverse rods soften the light.

Gay Sidewalk-Cafe Effect is smart in playroom, kitchen or dining area. Two Judd curtain rods (2" and 8" projections) form the awnette. Cafe curtains hang on No. 4112 extending set.

Make Windows Look Wider or Higher — Just attach Judd No. 409 Extender Plates to the casing either horizontally or vertically. Then fasten your traverse rod to the ends of the plates.



JUDD PLEATMASTER® TITE-PINCH HOOKS and NO-TWIST TAPE



Make Lovely Pleated Drapes in Minutes — Just sew Sanforized Pleatmaster tape across drapery heading. Then slip hooks into pre-sewn pockets on the tape. Quick, easy, perfect!

JUDD
decorator-styled
Drapery Fixtures

NEW COLOR BOOK
Ideas for every type of window. 32 pages. More than 100 color illustrations. Easy "how-to-do-it" instructions. Send 25c.

H. L. JUDD DIVISION
The Stanley Works STANLEY
Dept. BHG 5, Wallingford, Conn.

Please send me your book "Exciting Ideas For Window Decoration." I enclose 25c in coin.

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Address _____
City _____ State _____

MAY EDITION

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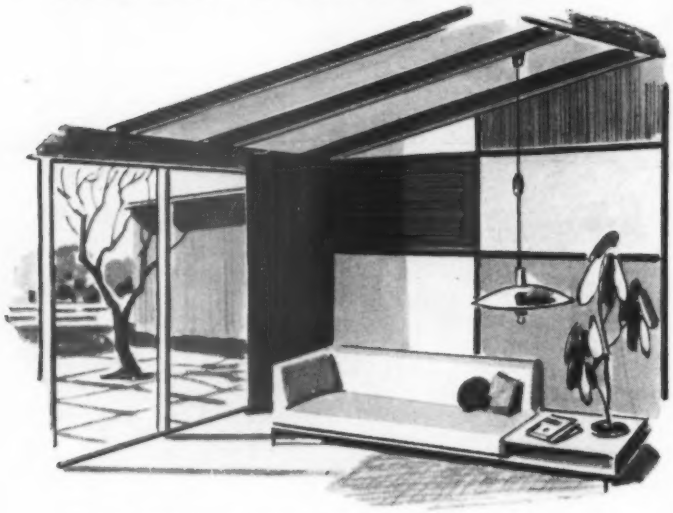
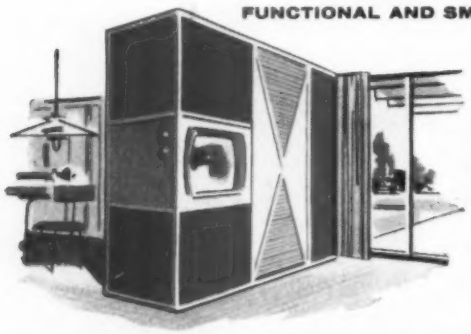
model home ideas



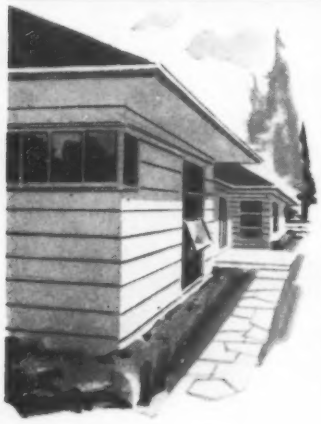
AN EXCITING IDEA—IT'S A SHOW WALL

Bring drama and contemporary design to your living room with a colorful Upson Show Wall, the newest decorating idea. It's really quite simple. Wall is 3/8" Upson Strong-Bilt, a permanent, crackproof building material. Moldings in modern decor are applied directly to wall. Then areas painted. Moreover, Upson Strong-Bilt contributes to the beauty of today's joint-free open beam ceilings.

FUNCTIONAL AND SMART TV CENTER



And china closet, too, which separates living room from dining area. Adds beauty with function. Made with famous quality Upson Wall board. Decoration possibilities unlimited for either paint or paper. Upson is rugged, durable—lasts the life of a house.



SIDING WITH BEAUTY

Neat, straight-edged Upson *Primed* Siding with deep shadow lines is the finishing touch of beauty to your home's exterior. Upson Siding is prime coated at the factory, paint applies easier, lasts longer. Offers greater insulation than most wood siding. Available extra wide for modern look. Upson Primed Siding won't split, check, crack or splinter. Remodeling or building, insist on Upson Primed Siding.

Upson building products are strong and durable, yet light and easy to work. Insist on Upson for highest quality. The Upson Company, Lockport, New York.

UPSON

OPERATION HOME IMPROVEMENT

WALL AND CEILING PRODUCTS SIDING, SHEATHING

UPSON

94% wood fibers laminated for great strength

How to get the best "deal" on a new car

Continued from page 42

usually because they have cars similar to yours in stock and don't particularly want more of the same type). But by combining the bids you get from used-car dealers and the "low book" you know where you stand.

4. *Don't* get emotional about the value of your trade-in. Your dealer *must* know values in order to stay in business. Besides, if you have made the checks outlined in the preceding paragraph, you'll know as much about the worth of your car as any dealer. Above all, don't quote newspaper ads to back up your arguments. For every high figure you quote, the dealer will be able to pull a lower one.

5. *Do* tell the truth about your car. The dealer or his appraiser won't miss much. They usually don't worry about minor problems—they just want to know about them. They will be quick to spot bad clutches, whining transmissions, and so on. If they're diplomats, they will break the news to you gently. If they figure that you are only trying to make fools of them, they may ask if there were many people killed in the wreck. Actually, just like anyone else, dealers respect an honest customer and will work hard to give him the best deal.

6. *Don't* overestimate the original cost of your car, and try to get everything out of it that you have put into it. New batteries, motor tune-ups, are part of the price you pay for transportation. This is an important "*Don't*"—because many people forego the pleasure of a new car just because they try to get back all their costs on a trade-in toward a new car.

7. *Do* check the prices of new cars and equipment before you buy. Drive to a nearby town and see what the dealers there are charging. This isn't to say your local dealer is going to overcharge you. He won't stay in business very long if he does. It is, however, just possible that there may be differences because of transportation or other charges. Chances are that your local dealer will meet any such competition, if you bring it to his attention. But try to buy from your local dealer. The few dollars you may save by making the purchase in the next town can well be lost by the time and effort spent in taking a long trip for the check-ups to which you are entitled by your warranty. Further, your local dealer is liable only for the cars *he* sold. But know your prices.

9. *Don't* expect dealers' prices to compare to the penny, and don't ask local manufacturers' representatives for prices. In the first case, the equipment on any given car can make major or minor differences, in some cases up to $1,000 for the same car. In the case of the manufacturers' representatives, they are prohibited by law

Need another entry form? Here's one you can use or pass along to someone who's remodeling

▶ **Tell neighbors, friends, relatives how they can qualify for part of the $25,000 prize money**

PRELIMINARY ENTRY FORM—HOME IMPROVEMENT CONTEST

To the Contest Editor, *Better Homes & Gardens*, Des Moines 3, Iowa.

Please enter my name in your 1956 Home Improvement Contest and send me my book and Final Entry Form. I have checked below the division or divisions I intend to enter.

Name.....
(please print)

Street and No.....

City.....Zone.....State.....

☐ Exteriors ☐ Additions

☐ Interiors ☐ Kitchen-Utility areas

It is not necessary to buy a copy of Better Homes & Gardens to enter this contest

4

See page 6 for complete contest details

from doing anything that might smack of their influencing retail prices. That is federal law, too.

10. *Do* cooperate with the salesman. He wants to sell a car even more than you want to buy one. In a sense, you are his boss. The dealer pays the salesman only if he sells. In many dealerships, the owner encourages his salesmen to strive for the customer's point of view. Both the owner and the salesman depend upon you to pay their rent. They'd be delighted if they could trade you out of that 1945 Eentsie-Weentsie Six and into the Blooper Eight for $100 cash. That may sound silly, but think how much easier their jobs would be if they could afford to let you write the ticket!

11. *Do* keep your head—and you'll profit thereby. One of the tricks in selling a high-prestige car some years ago was to sting the customer. The salesman would ask: "Are you sure *you* can *afford* to buy this car?" Oddly enough, the customer's anger (and most did get a little mad) was vented by buying the car on the dealer's terms—thereby showing those blankety-blanks that he could afford the automobile. It was a sure-fire salesmaker, and perhaps still is. Watch for other sales pitches, too. There are dozens. All are legitimate—simply a part of the horse trading that goes on. If you want a good deal, you'll watch for them, and ignore them. Stick to buying on a cool-headed basis, and you'll find that it pays.

Now you need to know one more thing. That is the dealer's mark-up—the amount of profit that he has in each car. It's often published in magazines and newspapers, but it is still amazing the number of people who feel that a dealer makes $1,000 on every $2,000 car he sells. Don't feel sorry for the dealer, but he actually operates on a smaller margin of profit than practically any other merchant. What's more, he has to give you more free service for it. He has a profit margin of somewhere between 20 and 25 percent. It is impossible to pin it down any more closely than that for a general rule.

What this means is that if a dealer has an automobile priced at $4,000, he is working on from $800 to $1,000 gross profit. From that profit, he has to take his overhead, his warranty services, his garage costs, and so forth, before he can take any money out of the business for himself. In trading with you, he can give away as much of it as he wants to. Obviously, he'll go out of business fast if he gives it all away. He can cut his profit in one of two ways. First, if you are buying for cash, he can simply discount the retail price. Second, if he is taking a trade-in, he can increase the trade-in allowance over the cash value of the used car. Either way, he makes less money than his full gross. Of course, he cannot do both.

Just to clear up the point, let's use an example:

Full retail price of new car	$3,000.00
Potential cash discount	— 750.00
Discounted price of new car	$2,250.00

Full retail price of new car	$3,000.00
Cash value of trade-in	— 600.00
Un-discounted price of new car	$2,400.00
Discount on new car	— 750.00
Discounted price of new car	$1,650.00

Or, putting it another way, since your car is worth $600 cash (which you have found out from your banker and checked against used-car-dealers' bids), the dealer adds the cash discount to the allowance on your car, thus making it have a value *for trading only* of $1,350.

I recognize that those figures can be argued in detail. They do not purport to be actual right down to the penny, but they'll stand up in most cases.

One of my friends read this article. He got to here, then said, "Gee, this is all very fine. I figure I know now roughly as much as the dealer knows. But you have forgotten that there are big-volume dealers and small dealers. You can't expect the same things to be true of both."

In a sense, but in a very remote sense, he is right. Practically, and from where you sit, it doesn't make much difference whether a dealer is a big dealer or a little dealer. In the case of the volume operator, his new-car sales are so great that they cut down his overhead. The smaller fellow, on the other hand, doesn't have the big overhead, so they both come out about even. Anyway, your problem is not the size of the dealership, it is the size of the deal you get. So go to the dealer who will do the best by you, according to your way of thinking. Chances are, it will be the fellow right around the corner.

The last thing my friend had to say, after that one point had been explained, was, "Fine. But until I read this article, I had a lot of fun trading with my dealer. You've spoiled that fun."

Don't believe a word of it. All that you have read here is designed to help you play the game a little better, perhaps give you some of the rules you didn't know about. It's just like reading a book on golf. You've got to go out and hit the ball to get the real enjoyment.

In buying a new car, the pleasure of haggling—and if you don't like to haggle you're missing a lot—comes in the contest between you and the dealer. He is a David Harum type, or he wouldn't be in the business. He actually enjoys bargaining. His problem is to retain as much of the gross profit in his product as he can. Yours is to separate as much of it from him as you can. If you play the game right, you can have a lot of fun, and wind up with a pleasant and profitable relationship with your dealer. But *you* have to do your own dickering. Good luck!

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Readable, handsome and accurate to a fraction of a degree . . . that describes Detroit Controls' Classic, the thermostat that brings new comfort and beauty to your home.

It assures comfortable, even temperature; and its subdued tones of satin gold and black will complement the decor of any home.

See your heating contractor or service man today, or write for free descriptive folder, No. 1687.

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When your guests just can't wait to go home... it's time to call Carrier!

It's not you, it's the heat that has them heading homeward. But don't twist their arms. Call Carrier.

Carrier makes a delightful difference. Guests linger, appetites quicken, health is better, everyone's alive with cool-weather energy.

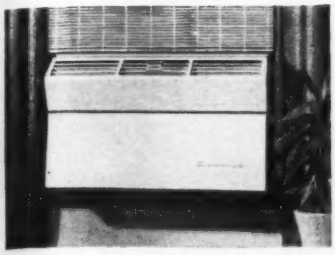
Carrier Room Air Conditioners cool a bedroom or living room. Carrier Weathermakers air condition a whole house. (See the column at the right.)

From an oil camp on the Persian Gulf to an embassy in Buenos Aires, Carrier air conditioning is serving more people and more purposes than any other make.

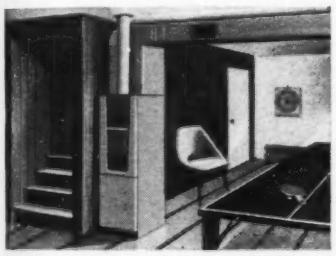
Look up your local Carrier dealer in the Classified Telephone Directory. He's the man in your town who knows air conditioning best.
Carrier Corporation, Syracuse, New York.

Carrier

FIRST NAME IN AIR CONDITIONING



The Carrier International Room Air Conditioner cools, dehumidifies and filters the air in one or more rooms. Will harmonize with any interior. Quickly installs in almost any window. Other models with between-season heating.



The Carrier Conversion Weathermaker which cools the whole house is shown on the top of a warm air furnace. Saves money by using the same fan, filter and ducts as your present heating system. It's air-cooled, needs no water.

The Carrier Year-round Weathermaker heats and cools the house. Build a new home around the Weathermaker and construction savings will help pay for it. Or replace a worn-out furnace and modernize your present home.

Carrier

FIRST NAME IN AIR CONDITIONING

Personal help

in home building, remodeling, and decorating

When you're looking for ways to make your home more comfortable and attractive, look for this seal. It identifies the *Better Homes & Gardens* Home Planning Center, where you can get personal counsel on your home-planning problems.

Leading stores throughout the United States feature Home Planning Centers, to make available to you the individual attention of skilled advisers. They'll be glad to help you—plan an attractive color scheme, choose the proper furnishings, select just the right *Better Homes & Gardens* Five Star home plan for you and your family, and give you lots of ideas, suggestions, and material on almost any phase of home building, decorating, or improvement. Manufacturers' literature is also available on a wide variety of products for the home.

You can take almost any problem to the Home Planning Center with confidence that you'll get advice tailored to your own problem, and solutions that fit your own needs. And, if you take your room dimensions, color or fabric samples, floor plans, etc., it will facilitate the store's service to you considerably. The Home Planning Center is designed to provide personal counseling rather than help through correspondence, so for your fullest satisfaction it's best to visit the Center in your area personally, if possible. There is no charge, of course.

These stores feature Home Planning Centers. Pick the one nearest you, and visit it soon.

Arizona
Phoenix—Barrow's Furniture
Tucson—The House of Enchantment

California
Los Angeles—Barker Bros.
Oakland—Breuner's
Sacramento—Breuner's
Stockton—Breuner's

Colorado
Colorado Springs—Home Furniture Company

Connecticut
Bridgeport—Howland Dry Goods Co.

District of Columbia
Washington—The Hecht Co.

Florida
St. Petersburg—Maas Brothers
Tampa—Maas Brothers

Georgia
Atlanta—Rich's
Augusta—Bowen Brothers

Illinois
Bloomington—Livingston's
Chicago—Carson Pirie Scott & Co.
*Chicago—First Federal Savings & Loan Assn.
Peoria—Cohen Furniture Co.

Indiana
Fort Wayne—Wolf & Dessauer Co.
South Bend—Robertson Bros.

Iowa
Cedar Rapids—Smulekoff's
Des Moines—Younkers
Sioux City—T. S. Martin Co.

Kansas
Topeka—Bomgardner's
Wichita—Hinkel's

Kentucky
Louisville—The Stewart Dry Goods Company, Inc.

Maine
Lewiston—Peck's

Maryland
Silver Spring—The Hecht Co.

Massachusetts
Boston—Jordan Marsh Co.
Springfield—Forbes & Wallace

Michigan
Detroit—The J. L. Hudson Co.
Grand Rapids—Wurzburg's
Lansing—J. W. Knapp Co.

Minnesota
St. Paul—Schuneman's

Mississippi
Jackson—Kennington's

Missouri
Kansas City—Mehornay's
St. Louis—Stix, Baer & Fuller

Nebraska
Lincoln—Gold & Co.
Omaha—Orchard & Wilhelm

New Jersey
Newark—Kresge • Newark

New Mexico
Albuquerque—American Furniture Co.

New York
Albany—W. M. Whitney Co.
New York—Gimbel Brothers
*New York—The Franklin Society Federal Savings & Loan Assn.
Poughkeepsie—Wallace's
Rochester—McCurdy's
Utica—Ribyat Furniture Co.

Ohio
Akron—The M. O'Neil Co.
Cincinnati—The H. & S. Pogue Company
Cleveland—The Higbee Co.
Columbus—F. & R. Lazarus Co.
Dayton—Rike-Kumler Co.
Springfield—People's Outfitting Co.
Toledo—Lamson's

Oklahoma
Enid—Long-Bell Lumber Co.
Tulsa—Dickason-Goodman

Oregon
Portland—Meier & Frank Co.

Pennsylvania
Erie—The Boston Store
Philadelphia—Gimbel Brothers
Pittsburgh—Joseph Horne Co.

South Carolina
Columbia—Devine Street Furniture House
Greenville—Mayfield's, Inc.

South Dakota
Huron—Fullerton Furniture Co.
Sioux Falls—Johnson Furniture Co.

Tennessee
Memphis—Goldsmith's

Texas
Austin—Calcasieu's
Corpus Christi—Lichtenstein's
El Paso—American Furniture Co.
McAllen—Jones & Jones
Tyler—Swann's
Victoria—Kamin Furniture

Utah
Salt Lake City—South East Furniture Co.

Vermont
Burlington—Thomas O'Halloran & Son

Virginia
Arlington County—The Hecht Co.
Richmond—Miller & Rhoads

Washington
Aberdeen—Kaufman-Scroggs Co.
Longview—Hinton's Furniture
Seattle—The Bon Marche
Spokane—The Crescent

West Virginia
Charleston—The Diamond

Wisconsin
Madison—Black Furniture Company

British Columbia
New Westminister—Woodward Stores, Ltd.
West Vancouver—Woodward Stores, Ltd.

Ontario
Toronto—The T. Eaton Co., Ltd. (College St.)

Quebec
Montreal—The T. Eaton Co., Ltd.

*Offer advice on home planning and financing; do not offer help with decorating or furnishing.

Decorative solutions for

The small-room problem

Furnishings for a small room have to be chosen carefully. First decide what job or jobs you want the room to do. Then, as you plan your furnishings, consider if one piece can do more than one job. Remember, too, simplified backgrounds are best. Study the six rooms pictured here and on pages that follow, to see how this preplanning pays off.

In the room on this page, the arrangement of sectional pieces, a coffee table that converts to card-table height, and a large desk and TV-table combination make an 11x12-foot space as functional as many twice its size.

Plenty of seating room was the requirement satisfied by this sectional sofa arrangement that takes full advantage of the limited space. For unity, only one pattern is used

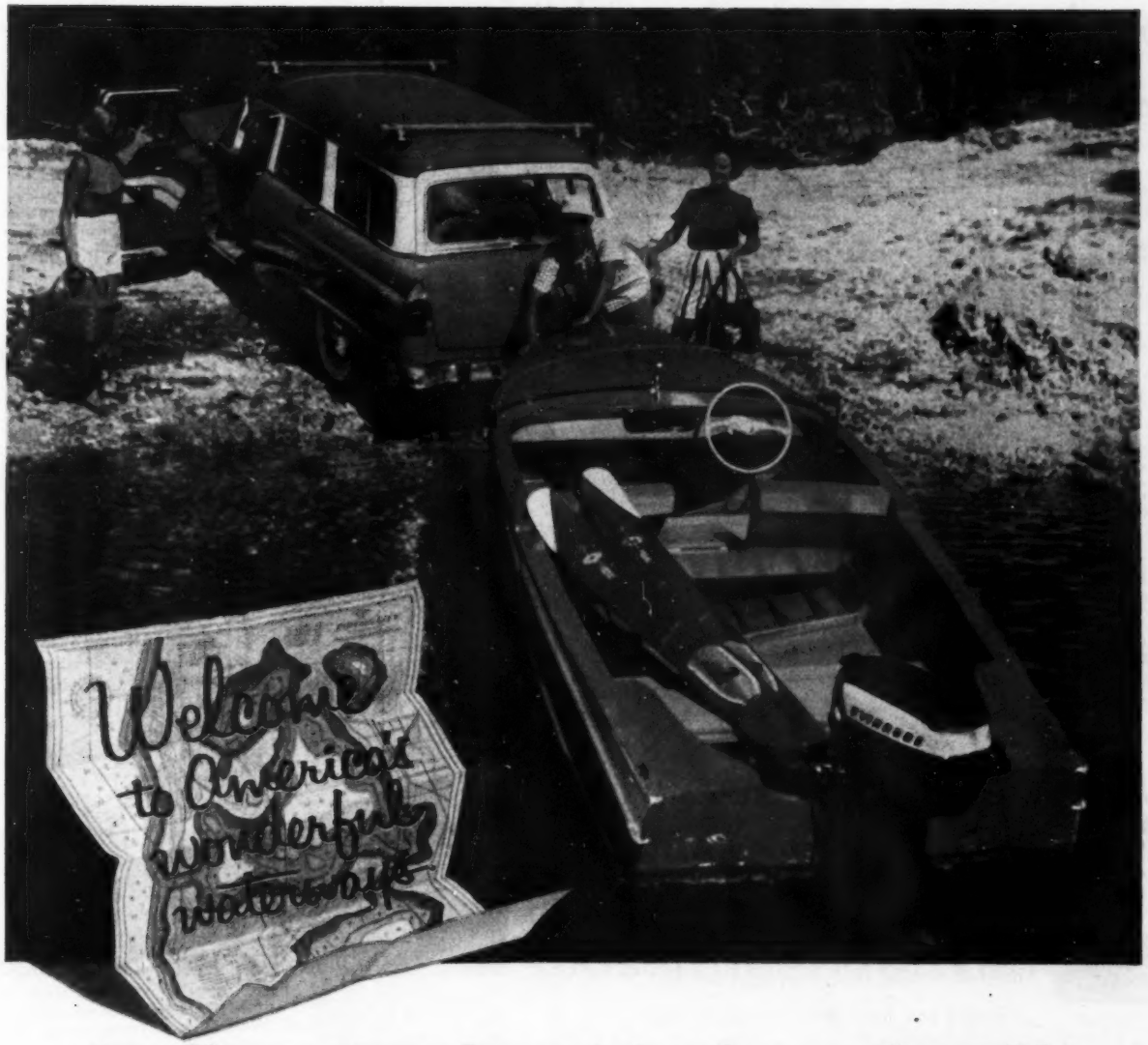
Photographs: Hedrich-Blessing. Decorator: Myrtle Todes

Curved desk was designed to double as a stand for a table-model TV set. Curved front of the desk leaves more of the limited floor space free

Arrangement of carefully selected furniture and built-ins planned for more than one job solves the problem in this 11x12-foot room. The Gabe Joseph home

Base and top of table are two separate pieces. The hollow plywood base, used the long way, holds top at coffee-table height; it's placed on end at this height

More on page 272

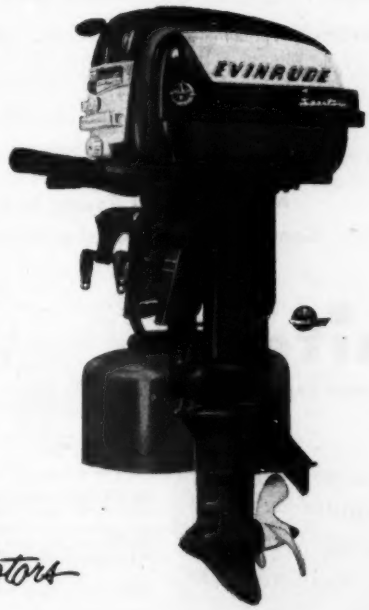


– trailer your boat to fun afloat!

Seems like magic! You're driving along—and suddenly *it's there!* Sunny miles of cool blue waters, friendly beaches. Quickly your "Evinrude ship" is afloat and a new world of water sport opens to your family.

This *is* magic—the gypsy magic of trailer boating—that lets you launch a day of fun 'most anywhere. Lets you cruise far-away vacation waters, or whisk your boat to lovely shores in easy reach. Each eager launching starts a holiday of fresh adventure, new family fun.

And so easy, so inexpensive to enjoy. **SEE YOUR EVINRUDE DEALER.** He'll help you put together a budget-priced outfit just right for your needs. The right boat, the right trailer—and the smoothest, *quietest* power on water—Evinrude Whispering Power! Look for his name under "Outboard Motors" in your phone book. **CATALOG FREE!** Write for full-color catalog of the complete Evinrude line—nine models, 3 to 30 horsepower. **EVINRUDE MOTORS,** 4206 N. 27th St., Milwaukee 16, Wis.



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Moving from one city to another usually involves tension, confusion, irritation. *But —it need not!* Most of the unpleasant features... a lot of the muss and fuss... are eliminated by a United Pre-Planned Move. Expert Movers then plan all the details... take care of the packing... move your goods safely in a clean ®Sanitized van. Wherever you move, they stay with you all the way... until you're settled in your new home. Call nearest United Agent for free estimate.

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I'm planning to move... please send me free Pre-Planning Kit, containing carton markers, change-of-address cards, moving day hints.

Name_____

Street_____

City_____ Zone____ State_____

Kitchen built-ins for the handyman

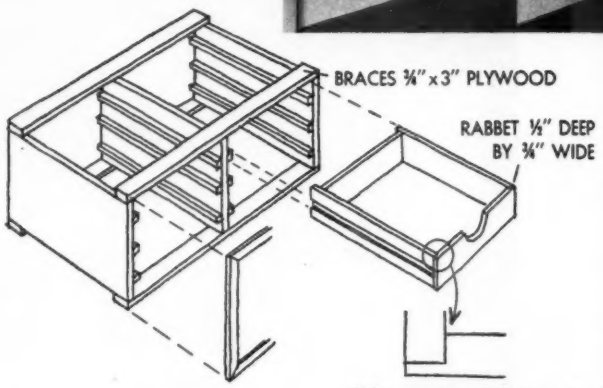
Continued from page 252

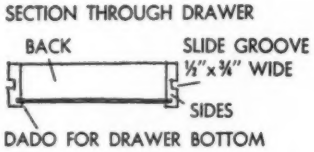
Shelves go together in butt joints. Bridge joints with corrugated fasteners driven in at a slight angle.

Fasteners (wiggly nails) give more support—provide nearly invisible joint.

Small packages and similar grocery items conveniently tuck into shallow drawers under open-shelf section of the storage closet.

This way, labels are in plain sight, easy to read.



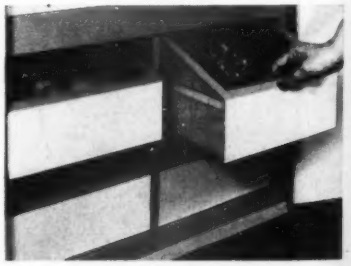


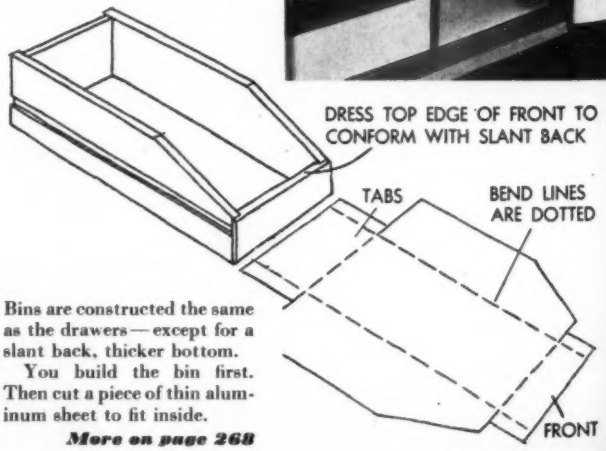
Sides, center of drawer are ¾-inch plywood. Drawer slides are ½x¾-inch maple stock, cut to fit space you have.

The drawer fronts, backs, sides are ¾-inch plywood; bottoms of ¼-inch hardboard fit in dadoes cut in sides, backs, and fronts.

The pull-out bins store quantity purchases of potatoes, oranges, and so on.

Partition one or two smaller areas for onions, lemons, garlic, similar small-purchase spices and foods. Bins are lined with aluminum sheet.





Bins are constructed the same as the drawers—except for a slant back, thicker bottom.

You build the bin first. Then cut a piece of thin aluminum sheet to fit inside.

More on page 268

Fenestra sets the fashion in window beauty...

Color-styling plus finger-tip ventilation

In any room, but especially in your kitchen, Fenestra Windows make life so much more pleasant. Turn the handle with a finger touch and they glide open to catch the breeze. Best of all, they never stick, swell or warp, because they're made of rugged, rigid, lifetime steel.

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Ask for Fenestra Windows in your new home. Look for them in the model homes you visit. Mail the coupon for our new window-idea color booklet, *Fenestra Fashions in Window Beauty*, featuring color recommendations by The Sherwin-Williams Co. Do it today!

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WHEN USED ON MINOR BURNS, CUTS SCRATCHES, ABRASIONS

Quick! Apply Campho-Phenique at once to minor burns from hot cooking utensils, hot water or steam . . . stops pain *instantly*, promotes rapid healing. The same thing happens when you use it on minor cuts, scratches and abrasions. Campho-Phenique is highly antiseptic. Wonderful for fever blisters, cold sores, gum boils; to relieve itching and to guard against infecting insect bites. Used on pimples, Campho-Phenique helps prevent their spread and re-infection.

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The ABCs of cooking for the growing girl. Written simply, with exciting color pictures. *Better Homes & Gardens* JUNIOR COOK BOOK.

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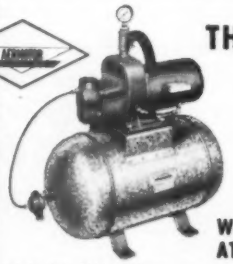

THE AERMOTOR "Bud-Jet"
Tops them All!
WITH WATER WHERE YOU WANT IT, AT A PRICE YOU CAN AFFORD

TOPS IN QUALITY! The "Bud Jet" is loaded with features you'd expect to find only in more expensive pumps . . . features that sell themselves! For example, Brass Impeller, Brass Tube and Nozzle, Ball Bearing Motor, Stainless Steel Shaft, etc.

TOPS IN DEPENDABILITY! The simple yet rugged construction of the "Bud Jet" assures years of trouble-free operation.

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AERMOTOR COMPANY
2500 W. Roosevelt Rd.—Chicago 8, Illinois, U.S.A. Dept. 15RA5

Kitchen built-ins for the handyman

Continued from page 266

Made-to-order storage for pots and pans

Pans, lids, trays, and other flat articles "file" in these cabinet partitions, each one tailored to slide in or out of grooves so the space may be altered to fit any item. It's best to build the unit longer and with more partitions than you can use right now so you'll have plenty of extra space for the equipment you'll be buying later

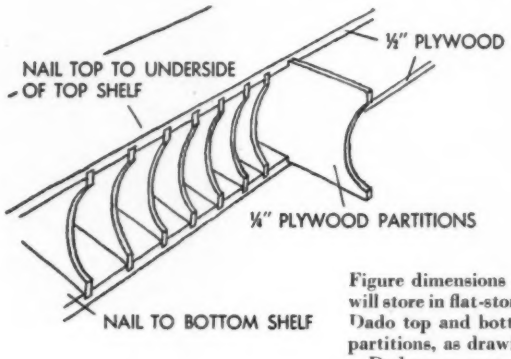
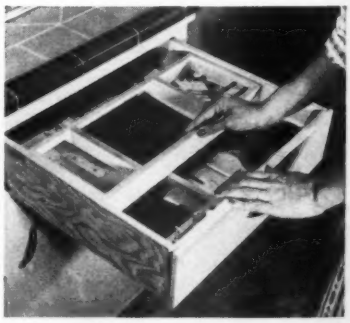


Figure dimensions of things you will store in flat-storage unit first. Dado top and bottom to accept partitions, as drawing shows.

Dadoes are spaced about one to three inches apart.

Provide shallow compartments in kitchen drawers



Eliminate the search for misplaced small articles by compartmentizing kitchen catch-all, other drawers.

Top tray slides on two pieces of wood nailed to drawer sides to utilize the space above compartments.

The kitchen flatware—knives and forks, spoons, and so on —can be stored similar to thumbtacks, rubber bands, and other odds and ends.

To provide safe storage for knives, cut saw slots in heavy wooden blocks to fit length of blades. Insert the blocks, as shown, and fasten in place.

More on page 271

Wall tile of Weirzin works wonders in thrifty bathroom transformations

Luxurious beauty. Gratifying economy. Functional durability. These are among steel's matchless advantages in modernizing that "impossible" bathroom of yours, or in building a new one.

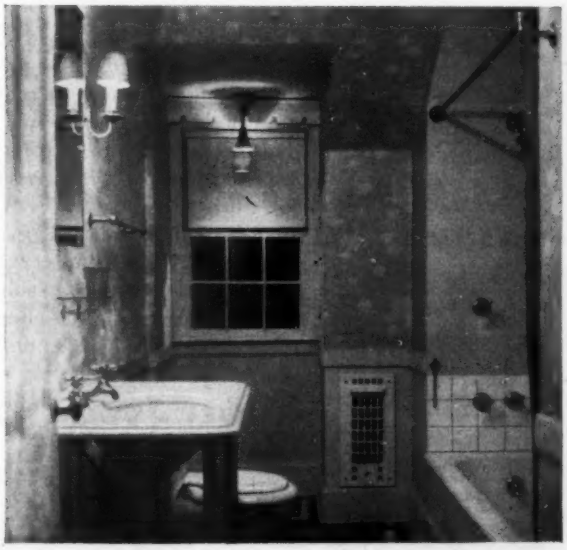
Take the wall tile, for example, which so dazzlingly transforms the bathroom you see here. In warmly radiant colors of your choice, this tile is made of Weirzin, the electrolytically zinc-coated steel. The steel that resists heat, moisture, rust so remarkably. The steel that forms an enduring bond with its finish. The steel that can be sponged sparkling clean in seconds.

Few such enduring and beautifying home improvements are so modestly priced, too. And you can further economize by easily installing low-cost steel wall tile yourself!

In renovating, in building from scratch, insist on low-cost, *lasting* steel throughout. Remember: *Steel is the foundation of modern living.*

WEIRTON STEEL COMPANY
WEIRTON, WEST VIRGINIA
a division of
NATIONAL STEEL CORPORATION

Skillfully utilizing new and special applications of low-cost, ever-*strong* steel, noted designer Marvin Culbreth has created the stunning bathroom above from the old-fashioned, unattractive one you see below.



Photographed in the Grand Rapids Furniture Guild Galleries

one puff of mirror magic and look...

See how the casual mood of this living room now reaches out into the once-severe hall. Makes it more hospitable . . . more attractive . . . more luxurious.

You have a magic wand in your power. It's a mirror! With a wave of your imagination and a well-placed decorative mirror, you can make a room bigger . . . brighter.

See all the wonderful, new mirrors at your department or furniture store, or mirror dealer's. But, one touch of waviness could spoil the beauty of the room.

So, we suggest you select mirrors made only of *Parallel-O-Plate** Glass, the most distortion-free — the only *twin-ground* — plate glass made in America. Look for the label. For more information, call your Libbey·Owens·Ford Distributor or Dealer (listed under "Glass" in the phone book).

For your copy of the 12-page, full-color book "How To Make Your Home More Beautiful With Mirrors," send 10 cents to Dept. 1756, Libbey·Owens·Ford Glass Company, 608 Madison Avenue, Toledo 3, Ohio. Name of mirror manufacturer on request. **

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PARALLEL·O·PLATE GLASS

Twin Ground for the Truest Reflection

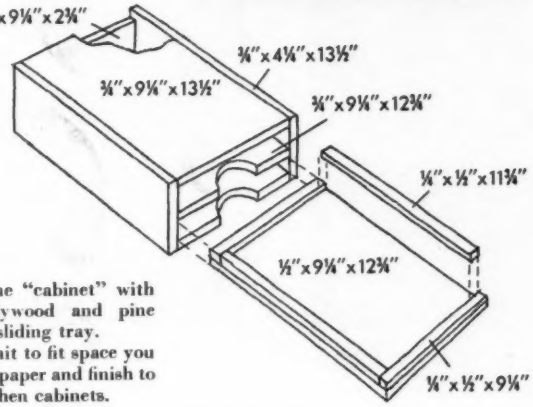
Kitchen built-ins for the handyman

Continued from page 268

Telephone storage-writing unit is simple to build

This under-cabinet storage unit provides space for telephone book, memo pad.

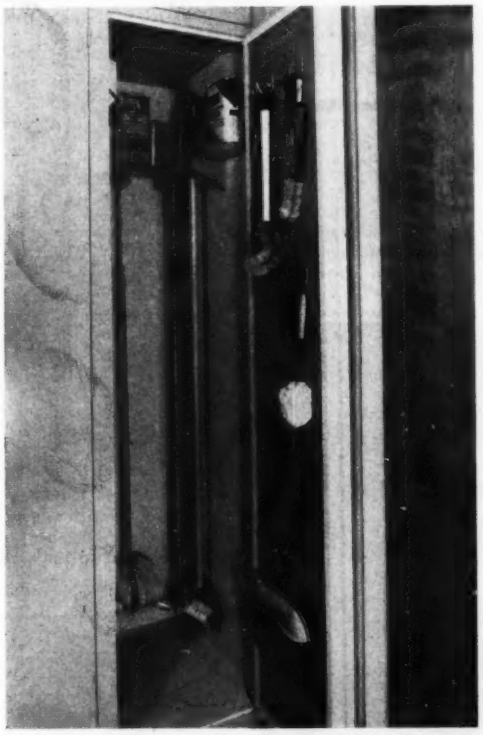
Pull-out shelf is recessed just enough to hold pad for taking messages, making out grocery lists, and so on.



Build phone "cabinet" with ¾-inch plywood and pine for rim of sliding tray.

Tailor unit to fit space you have. Sandpaper and finish to match kitchen cabinets.

You can organize your broom closet this way



Balcony shelves and strip of perforated hardboard fastened to back of door make broom closet more practical and attractive. For shelves, measure longest broom or mop handle and add several inches.

Attach balcony shelves using metal or wooden brackets for support. Perforated hardboard is furred out from door with 1x2 strips of solid wood.

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You can easily investigate Catholic faith and worship in the privacy of your home.

Just send us your name and address and advise that you want to know what the Catholic Church really teaches . . . what Catholics really believe. We will send you an interesting course of instruction which is short, yet complete.

We will send you a book explaining Catholic faith and worship... written in an easy-to-understand form. There are six test sheets which you can mark and we will check and return to you. This will enable you to determine how well you understand the book. It will give you quick and authentic answers on any point you do not immediately understand.

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You will find in this course of instruction answers to the questions which confuse non-Catholics. You will discover that Catholic belief and practice are not what they are so often misrepresented to be.

And if it is true that the Catholic Church is Christ's Church... as we maintain... you owe it to yourself to get the facts. This you can readily do through this short course of instruction... without cost or obligation... and in the privacy of your own home.

As Catholic laymen, who treasure our Faith, we invite you to understand it and, we hope, to share it.

Write today, giving your name and address and stating that you want the course of Catholic instruction by mail. The book and simple test sheets will be mailed to you immediately in a plain wrapper, without any cost or obligation to you. And nobody will call on you or urge you to join the Catholic Church. Write TODAY. ASK FOR INSTRUCTION COURSE—BG. But—please apply only for yourself.

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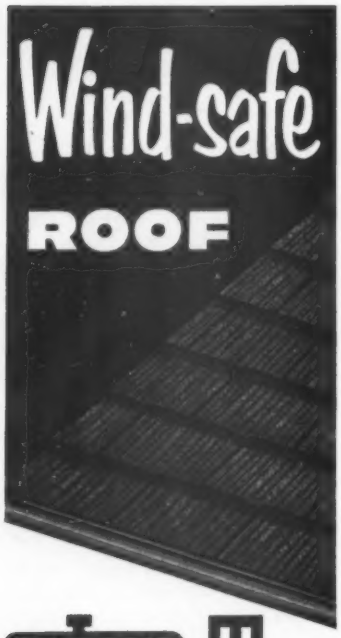

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ASPHALT SHINGLES

Hidden tabs lock your roof on

A new kind of shingle! Hidden tabs lock down bottom edge! Thousands storm-tested in actual hurricanes. The most beautiful roof you can buy. Modern striated texturing. Horizontal, square tab styling . . . handsome dark color band to give a 3-dimensional shadow-line. Choose from complete range of colors for life-of-the-roof beauty.

No more loose shingles for wind to grab! Two "locks" hold the bottom edge of each shingle down. Costs no more for this added feature. Get Lok-Tabs today. See your Ruberoid dealer or roofer.

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The RUBEROID Co., P.O. Box 129, New York 36, N. Y.

Please send descriptive folder on Ruberoid Lok-Tab Shingles.

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BHG-5-56

The small-room problem

Begins on page 264

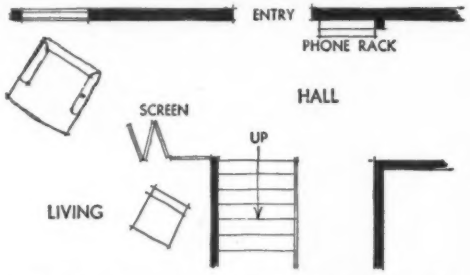
Photographs: Baer; Hedrich-Blessing

Make the most of wall space

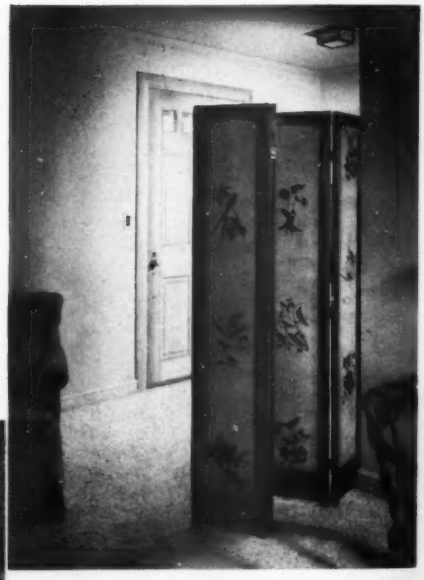
A sofa bed, desk, chair, and book shelves are ingeniously arranged on only 10½ feet of room's wall space

Desk placed at right angles to wall takes about one-third the wall space needed if it is placed flat against the wall. Desk does double duty, serving as a lamp and end table for sofa

Make the most of your entranceway



Notice how the screen and hanging telephone rack organize area near the front door. Screen adds wall space and shields living room from drafts in winter



Living-room privacy from the front door is obtained with a decorative folding screen. To make sure screen will not tip, end panel is attached to the wall with small hinges

Decorator: Kant of Town and Country Interiors

Hanging shelf gives an uncrowded feeling you wouldn't have with a heavier piece of furniture. Then, too, it doesn't project and block hall traffic. From the Leslie Shankman home

More on page 278

Seats a whole baseball team

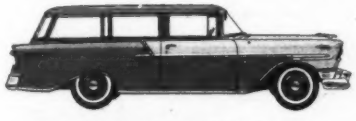
beautifully!

THE BEL AIR BEAUVILLE—*4 doors, 9 passengers, interior finish in washable vinyl and nylon-faced pattern cloth—one of 6 sprightly new Chevrolet station wagons.*

THE "TWO-TEN" HANDYMAN
2 doors, 6 passengers, all-vinyl interior.

THE DISTINCTIVE, LUXURIOUS NOMAD—*2 doors, 6 passengers.*

THE "TWO-TEN" TOWNSMAN
4 doors, 6 passengers, loads of cargo space.



THE "ONE-FIFTY" HANDYMAN
2 doors, 6 passengers, versatile and thrifty.

THE "TWO-TEN" BEAUVILLE
4 doors, 9 passengers.

In place of baseball players, of course, it could be other people. Friends of yours, for instance, assorted small fry, or visiting dignitaries.

Anyway, there's room for 3 on each seat, 9 in all. (A separate section of the center seat folds down to allow rear seat passengers to get in and out easily and gracefully.) And there's even space left over for baseball bats or baggage. To make still more room for cargo, you can remove the rear seat easily.

If you're joining the fast-growing station wagon family, be sure to look these new Chevrolets over. They're very good looking, as you can see. All of them have fine, sturdy and quiet Fisher Bodies. All offer you Chevrolet's very special roadability that makes your driving so much easier, safer and more pleasant. There's a sprightly engine for safer passing, swing-easy brakes for tap-toe stops, and satin-smooth steering easily mastered by a feminine touch.

Color and interior choices are wide, practical and unusually handsome. Your Chevrolet dealer will be glad to show you. . . . Chevrolet Division of General Motors, Detroit 2, Michigan.

THE HOT ONE'S EVEN HOTTER

Design For Modern Home Entrance by The Architects Collaborative

"WHAT A WEALTH OF COLOR AND SERVICE CERAMIC TILE GIVES...INSIDE AND OUT."

Walter Gropius
For The Architects Collaborative

Architect Walter Gropius and his TAC colleagues captured the beauty and practical nature of ceramic tile in this forward looking home entrance and patio. Making the most of their material, they compel ceramic tile to contribute the maximum in design and service.

Large ceramic tile units march across the patio into the entrance foyer and dining area beyond . . . the gay tiled foyer wall brings the whole scene into focus . . . the earth-toned tile sidewall on the right extends to the kitchen in the rear . . . while smaller tile units surface the sparkling patio pool in the left foreground.

All the floor and wall surfaces are ceramic tile—they will never need strenuous cleaning, waxing, painting or replacement. Did *you* know that ceramic tile can give you such colorful, lifetime service? Keep tile in mind when remodeling or building your home.

IMPORTANT: *When building or remodeling, ask your clay tile contractor about the new adhesive method for installing ceramic tile. It may save you money. Be sure to see the wide range of sparkling ceramic tile colors, too!*

Get clay tile remodeling and new construction ideas from colorful, new brochure "Ideas Unlimited" plus a folder on ideas used in the Gropius design. Both for 10¢. Write to Tile Council of America, Dept. BH-5, Room 3401, 10 East 40th Street, New York or Dept. BH-5, Room 933, 727 West Seventh Street, Los Angeles, California.

The Modern Style is CERAMIC tile

TILE COUNCIL OF AMERICA American Encaustic Tiling Co. • Architectural Tiling Co., Inc. • Atlantic Tile Mfg. Co. Cambridge Tile Mfg. Co. • Carlyle Tile Co. • Dover Ceramic Co. • General Tile Co. • Gladding, McBean & Co. • Jordan Tile Mfg. Co. Mosaic Tile Company • Murray Tile Co., Inc. • National Tile & Mfg. Co. • Olean Tile Co. • Pomona Tile Mfg. Co. • Ridgeway Tile Co. Robertson Mfg. Co. • Royal Tile Manufacturing Co. • Sparta Ceramic Co. • Stylon Corp. • Stylon Southern Corp. • Summitville Tiles, Inc. United States Ceramic Tile Co. • Winburn Tile Mfg. Co.

Television is behind a panel that lifts up and slides back so screen can be closed off. Record-player is mounted on a pull-out drawer at the extreme left. Radio fits into bookshelf. We've removed one panel so you can see the speaker

Music and books join to turn this corner of the Carl Hensel living room, Wayzata, Minnesota, into a convenient and attractive study. The built-in houses the family's "library" and home entertainment and provides storage space

Photographs: Reynolds, Photography, Inc.; Hedrich-Blessing; Nyholm

Built-ins with hidden extras

"BUILT-IN" HAS BECOME a household word the last few years. In homes large and small, built-ins help organize storage and make housekeeping easier. Be sure to analyze what you want to store before building the units, and avoid following the craze of built-ins for built-ins' sake.

Here's a roundup of built-ins that make your rooms more attractive and have the added feature of giving extra convenience and use. If you already know the convenience of built-ins, chances are you can add one of these ideas to a unit you now have. If you're planning a built-in, you'll definitely want to include a variation of one or more of the hidden extras shown here.

Divider between recreation room and workshop in basement of the Gilbert Giebinck home, Minneapolis, is a handy spot on which to serve refreshments. The children's electric train is hidden below counter top. Map can roll up

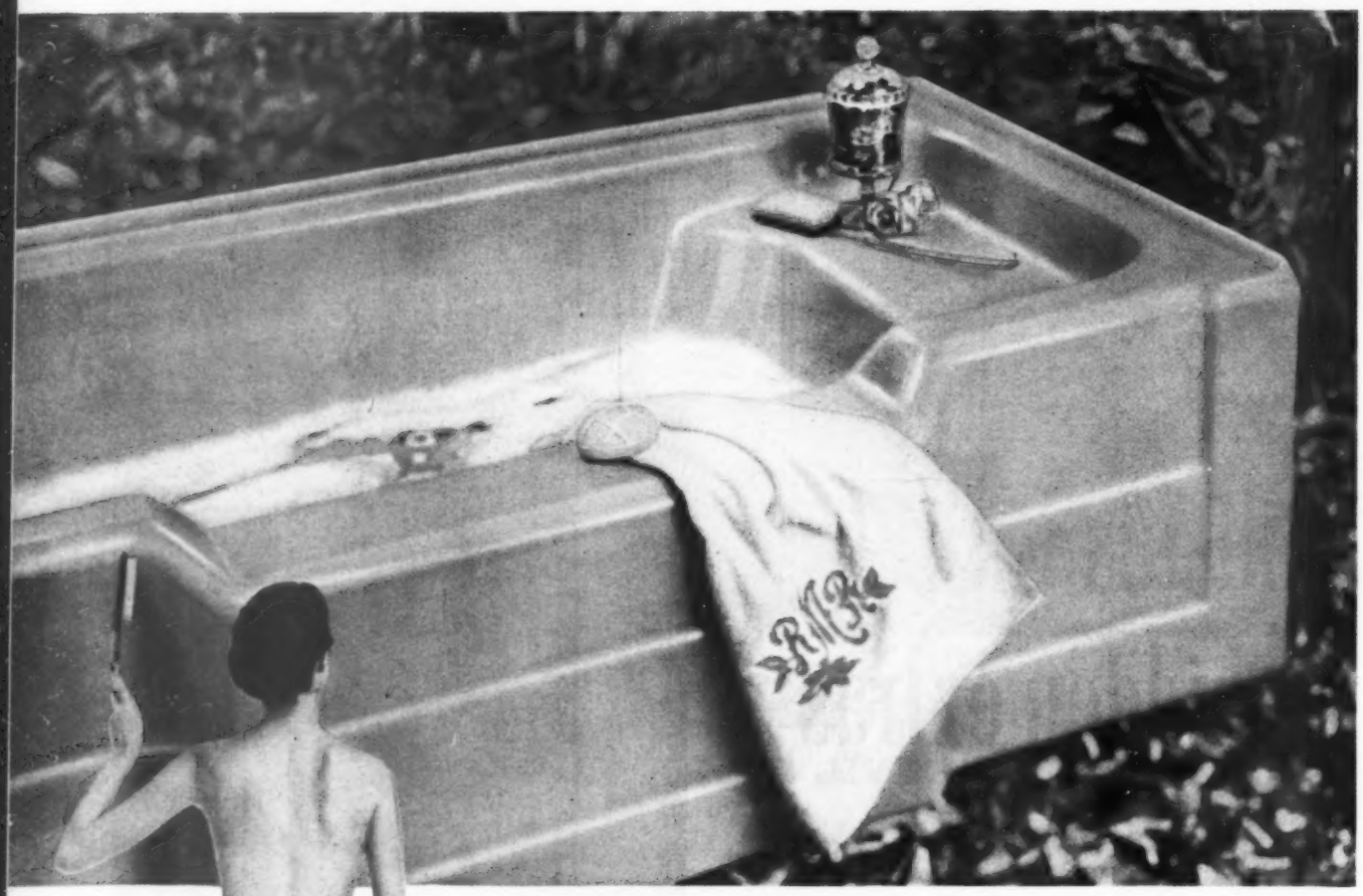
Presto! Here's the train. The counter top is in two sections attached with "piano" (continuous) hinges. "Hooks" in the wall and "eyes" in the top make a safe and secure fastening while children are playing

More on page 286

Step into a garden—into the cool, inviting beauty of a Pastel Green bathroom. Eljer offers you sculptured color harmony . . . in cast iron, formed steel, and vitreous china plumbing fixtures . . . with jewel-like accents of chrome. Fashion-styled, too, in white and five other lustrous colors. See your plumbing contractor or write: Eljer, Division of The Murray Corporation of America, Three Gateway Center, Pittsburgh 22, Pennsylvania.

ELJER

DIVISION OF THE MURRAY CORPORATION OF AMERICA



Antique Bath
Napoleonic Era

ELJER – the only name she needs to know in plumbing fixtures

CANCER:
20 million can be helped

A nickel's worth of radioactive gold . . . tiny atomic bullets that are fired into the brain . . . a two-fisted drug . . . a huge X-ray gun . . . a chemical cousin of DDT—these are only a few of the latest weapons being used to fight cancer. A *Better Homes & Gardens* correspondent recently made a cross-country tour of research laboratories, universities, and hospitals with members of the American Cancer Society. He reports the most promising developments in cancer research

By John Geiger

How soon will cancer be conquered? No one knows, for sure.

A close look at the front lines of research shows that all across the United States—in laboratories cluttered with chemicals and caged mice, in operating rooms and hospital wards, in the strangely potent silence surrounding atomic reactors—scientists and doctors are carving out new victories over cancer.

There will be no single moment of ultimate triumph in 1956. There will be no dramatically effective vaccine, no sure and faultless cure, no chemical vial labeled "this is it."

But the "little" victories—a life saved here, another lengthened there, an experimental new drug, a better detection technique—have a way of adding up.

The American Cancer Society's newest totals show that cancer will hit 1 in every 4 Americans now living. That's 40 million people.

They also show that 1 in every 2 of these cancer victims—20 million lives—might be saved with present cancer-fighting techniques, with knowledge *already* ours, if used fully and swiftly.

And this newest cancer progress spells fresh hope for the *second* 20 million, the lives that would tip the balance against the disease for the first time.

Here are significant new developments:

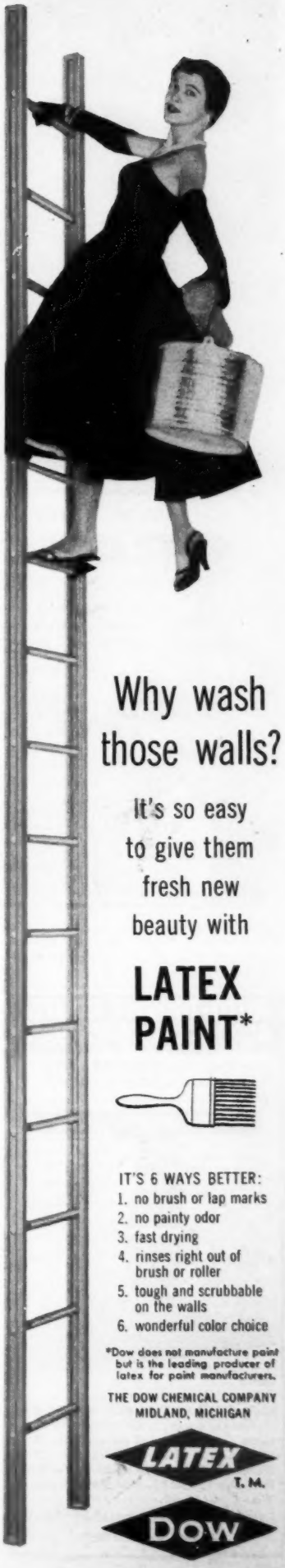
Atomic buckshot fired into the brain can bring dramatic relief of pain, tumor shrinkage, and a temporary return to normal life for patients with advanced breast and prostate cancers. The little pellets are made of radioactive yttrium, a little-known chemical element. They destroy the body's master gland, the pituitary, and stop the flow of pituitary, sex, and adrenal-gland hormones that seem to stimulate the cancers.

To reach the pituitary, Drs. Eric Yuhl and Paul Harper of the University of Chicago make a temporary little "window" in the skull. Then they fire the yttrium pellets, made radioactive in an atomic furnace only few hours earlier, into the pituitary with a long needle. So far, the treatment offers only palliation, not a cure, but 6 of the first 30 "hopeless" patients were still alive and vastly improved many months later.

Runaway cancer cells can be caught in time to prevent their deadly spread from some tumors of the prostate gland. Dr. Rubin H. Flocks of the State University of Iowa tried injections of radioactive gold in 100 men with inoperable prostate cancers. Up to to four years later, 48 were alive and 34 of these had no symptoms of cancer.

The little particles of gold, suspended in a syrup solution, are injected into lymph channels—cancer's favorite highways for invasion of new areas. They race after spreading cancer cells and catch them in their advance outposts before they can mushroom through the body. Each particle fires out beta rays that deliver an atomic uppercut to the cancer.

Combined with surgery, Doctor Flocks believes, the radio-gold [*Turn to page 282*



Why wash those walls?

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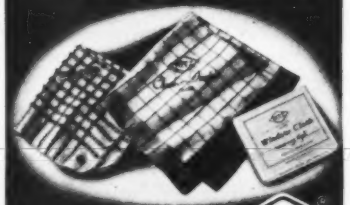

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The small-room problem

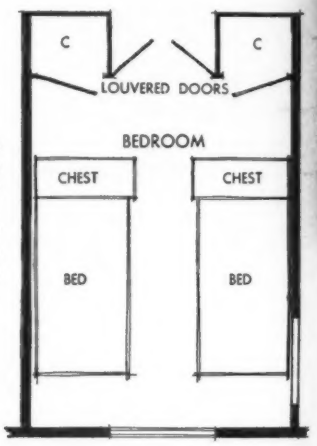
Continued from page 272

Double-duty furniture and doors that swing out organize this 10x13-foot bedroom

Backs of storage chests serve as headboards. The top drawer is shallow because there is a storage compartment on the bed side. Closets flank the double entrance doors, which open out. Treating doors the same, decoratively, adds needed simplicity to the room

An unusual arrangement of furniture makes it possible to fit the twin beds and storage chests attractively into a room only 10x13 feet.

The arrangement leaves space between the closets and chests free as a dressing area without crowding the room. Bedspreads match curtains.



Kranzten

Storage chests extending into the room back the beds. Chest is 16 inches deep and 32¼ inches high. The beds and chests are on casters to make bedmaking easier—a necessity because of the limited space. The Joseph Zoline home

More on page 316

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"Flow Kote" Driftwood Gray gives lasting beauty to the walls of this charming room. The night tables are painted with "Duco" Gloss, French Blue. Walls in the bathroom are "Duco" Semi-Gloss, Jonquil Yellow. The woodwork is in "Duco" Gloss White and Black; Du Pont Penetrating Wood Finish protects the bedroom floor.

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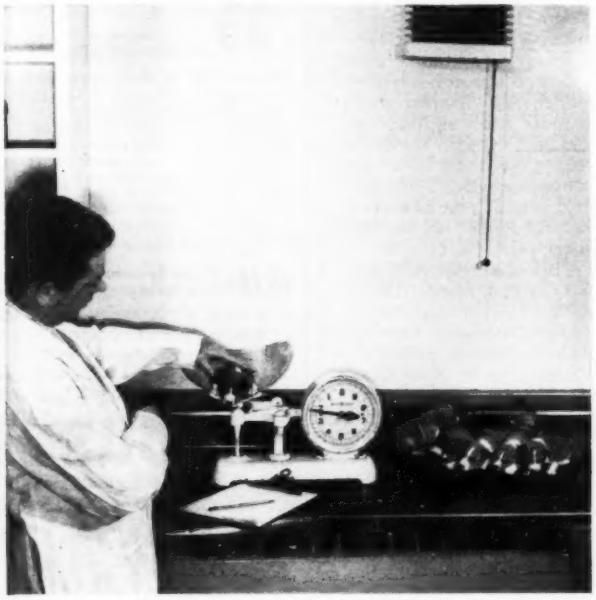
An old dog prefers mealtime routine

With age, the old dog becomes set in his ways, likes to be fed at the same time, given the same diet, exercised and allowed to rest with the same routine every day. Meat should still be the basis of his diet as he grows older. Some of his best years may be after 7 years—if he has had proper nourishment and care

proper nourishment?

By Dr. Wayne H. Riser



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Photographs: Harriet Arnold

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More on page 334

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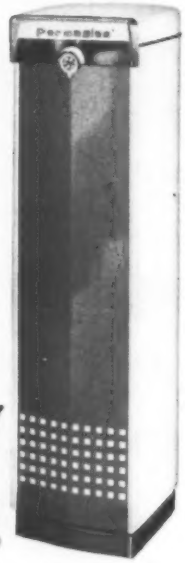

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Cancer—20 million can be helped

Begins on page 277

syrup may offer years of extra life and freedom from pain for prostate-cancer patients.

Thyroid cancer in little children seems to respond to radioactive iodine, oldest of the atomic-age drugs. Dr. Titus C. Evans of Iowa State reported that seven of eight youngsters given tiny, frequent doses four to five years ago are now alive, free of cancer, and headed for a normal lifespan. The tumors had spread from the thyroid itself to other areas. Doctor Evans and his colleagues removed the gland surgically. Then they administered the isotope—plus a stimulating hormone that made the spreading cancer cells extra hungry for iodine. Thus the tumor fragments were made to swallow their poison in bigger doses.

The children receive thyroxin, the hormone normally produced by the thyroid, to make up for removal of the gland. The Iowa records indicate that any persistent and unexplained lump in a child's neck should be checked promptly for the possibility of cancer.

A nickel's worth of radioactive gold has been life's biggest bargain for some of the 200 cancer patients treated by Dr. William G. Myers and his colleagues at Ohio State University. The gold, embedded in nylon thread, is sewn through tumors which cannot be removed because they have invaded vital organs. In some cases, all evidence of the tumor was obliterated. Though the patients appear perfectly well, Doctor Myers emphasizes cautiously that the cancers may reappear in new sites.

A two-fisted cancer drug has battled some lethal tumors to a standstill and given more than a year of extra life to hopeless patients. A few "doomed" cancer victims were alive and seemingly well 15 months after the first experimental trials. That's the bright and hopeful side of OPSPA, the new drug in use at the University of Wisconsin and other centers. But it's only part of the story. OPSPA (short for oxa-pentamethylene-diethylene-thio-phosphoramide) is not a cancer cure and is *not yet available for general use.* For every human helped by this drug, many died without benefit. The disappearance of some cancers cannot be called a cure unless there is no evidence of disease for at least five years after treatment. No drug so far has passed that test.

The new drug is a synthetic chemical, made artificially in test tubes. Dr. Charles Heidelberger, a Wisconsin biochemist, noted that a group of related cancer-fighting compounds contained either one of two especially effective chemical groupings. He designed OPSPA to include both groupings in one molecule—thus making it two-fisted.

With Dr. Anthony Curreri, he tried OPSPA on patients with little or no hope of survival. An aged man with bone cancer lived nine relatively pain-free months after doctors listed him as dying. Some patients with cancer of the uterus, one of the major threats to women, responded.

Breast-cancer patients with widespread tumors were given OPSPA by Drs. Jeanne Bateman and Theodore Winship at George Washington University. A considerable number showed signs of objective improvement. But the best summary, for now, is the cautious report of Doctor Curreri: "We don't have a cure. We don't know yet how it works, or why. There are toxic side effects. It's the best drug we've ever tried—but it's not the right answer yet."

OPSPA is a close relative of two cancer-fighting compounds, TEPA and MEPA, reported last year as promising new weapons. OPSPA was chemically "made to order" to be an improvement. Systematic chemical design may turn up even better drugs.

A pound of pipe tobacco, a cantaloupe, plants called Queen of the Meadow Root and May Apple Root are new sources of cancer-fighting drugs. From these unlikely raw materials, Drs. Morris Belkin and Isidore Wodinsky of the National Cancer Institute have extracted sugarlike compounds that inhibit animal tumors. They destroyed up to 75 percent of test tumors in mice.

A chemical cousin of DDT, the insecticide, can perform painless chemical surgery on patients with breast and prostate cancers. To help such patients, surgeons often remove the sex glands. They may also cut out the vital adrenal glands, atop the kidneys, which produce some sex hormones as well as life-giving cortisone.

It's a difficult and tricky operation—and removing the adrenals cuts off the body's supply of useful hormones like cortisone together with the cancer-stimulating sex hormones. It's like throwing out the dishes with the dishwater, but surgeons had no choice. Cortisone administered postoperatively often was converted into sex hormone by the body—putting the patients right back where they started.

This new compound, called DDD, has amazing ability to head for the adrenal and destroy just one zone of the gland—the part that produces sex hormones—without damaging the cortisone centers. A chemical more skilled than any scalpel, it might avert surgery. Drs. Bernard Zimmerman and Henry Bloch have fed DDD pills safely to nine patients with either breast or prostate cancer. Early results, they report, are promising.

The best treatment for leukemia seems to be a one-two-three punch: first the hormone, cortisone, then aminopterin or related

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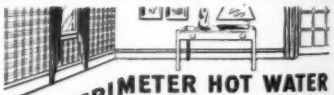

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drugs that block the leukemic-cell's use of the folic-acid vitamin, then a drug called 6-mercaptopurine that slows the cell's metabolism. All benefits are temporary.

Fresh hope comes from new drug combinations. At New York's Sloan-Kettering Institute, Dr. Joseph Burchenal combined 6-mercaptopurine and the experimental compound azaserine—and temporarily obliterated all major signs of leukemia in 23 of 29 patients. Perhaps more important, scientists at Sloan-Kettering and other centers are delving into *how* and *why* these drugs work, and coming up with suggestive clues.

The Sloan-Kettering research indicates that some vital compounds called nucleic acids are abnormal in the cancer cell. Both 6-mercaptopurine and azaserine seem to damage cancer's nucleic acid production. Everything points to nucleic acids as a target for attack. A half-dozen compounds already are under test.

An up-to-date model of the first cancer drug, sulfur mustard, appears to have key advantages over the old-time compound, nitrogen mustard. Soon to be tested in man—against leukemia and Hodgkin's disease—it proved in animal experiments to be 90 percent less toxic to healthy tissue. Dose for dose, sulfur mustard exerted its cancer-fighting power over a much longer period of time. A team of California biochemists headed by Dr. David M. Greenberg reported the new findings.

Telltale cells can disclose the presence of early, silent stomach cancers in a simple test reported by a husband-and-wife scientific team, Drs. John and Ruth Graham, at Masschusetts General Hospital. The Grahams had patients swallow a little salt water, then roll around so all stomach surfaces were washed. The salt water then was withdrawn and examined under a microscope. Cancer cells were found in 75 percent of early stomach tumors before diagnosis could be made by any other method employed.

The brain's switchboard for emotions is a little bundle of nerves called the hypothalamus. The size of a lump of sugar, it helps people love and hate, fear and fight. And there is evidence that it is the real master of the body's glands. Dr. Arthur Arnold of the University of Illinois trained the mighty X-ray beam of the 23-million-volt Betatron on the hypothalamus. It proved the best way yet to stop the flow of cancer-stimulating hormones to some tumors.

The Betatron beam also has proved highly effective against malignant brain cancers. And since both the hypothalamus and hormones seem to be involved in some kinds of mental illness, Doctor Arnold and his colleagues plan to try the Betatron on a few hopeless victims of emotional disease in an effort to calm or cure them.

Second-look surgery may find a way to block escape routes of runaway cancer cells. Surgeons Owen Wagensteen and Stuart Arheleger make a careful map of the location of cancer recurrences in the hope of establishing a pattern.

The cobalt "bomb" has been teamed with chemicals to make its already-potent effect even greater. Drs. K. W. Stenstrom and Halvor Vermund of Minneapolis reported that they have found a mystery substance—a "booster" chemical that seems to collect in cancer tissue and make it more vulnerable to radiation. Cautious trials on five cancer patients have begun.

The cobalt "bomb" is made of four little wafers of highly radioactive cobalt, each about the size and shape of a silver quarter. Although its rays are like those of an X-ray machine, they pack a bigger punch, penetrate deeper, and cause less damage to healthy tissue near the treated area.

Viruses that cause cancer—and viruses that cure it—are two exciting new leads in cancer research. If viruses can be shown to cause some human tumors, the way might be opened for development of a vaccine. No one is certain about human cancers—yet. But Dr. Ludwik Gross of New York has isolated viruses that cause leukemia and three other kinds of cancer in mice, and government researchers have confirmed some of his findings. Scientists at half a dozen first-rank medical centers are carefully, patiently training rare African viruses, like soldiers in a combat corps, to attack and destroy cancer cells. A few of these trained viruses have been used in humans. The results were poor. But—with new viruses and better training methods reported this year—the attempts will be renewed.

Isotopes and hormones, drugs so new they have numbers, not names, these are a fraction of the cancer story. An enormous outpouring of scientific skill and cunning is being devoted to the human cell, the humblest house of life, because the key to cancer is probably hidden deep within its intricate chemistry.

Early detection: One key to cancer control, however, is already known—and it's in your hands. The key is simple; early discovery. The first and most effective step is to see a doctor for regular physical examinations, and to check with physician or cancer clinic at the first danger signal of cancer.

Will this really help? Again, the adding machine has some answers. Its totals show that each year regular examinations save the lives of 10,000 women who get cancer—and who would have died, 10 years ago.

The percentages show that 5 out of 100 lung cancers now are cured—but it could be 50 out of 100, or 10 times as many, with early detection. Thirty of every 100 breast cancers now are cured, but it could be 70 out of 100. Fifteen of 100 rectal cancers are cured—but it could be 70 of every 100.

It's a big "if." If people get to their doctors sooner, 20 million Americans now destined to contract cancer will be saved.

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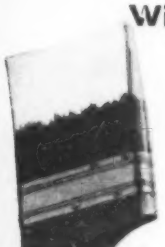

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How to build a hi-fi

By Thomas Marshall

Last month we told you how to start your home high-fidelity system. Here we show how you can easily build one of the most important parts yourself at big savings

If you're joining hi-fi's fast-swelling ranks, you should know the role a scientific speaker enclosure plays in presenting the best sound from record-player or other source.

You will get good sound from this "bass reflex" enclosure—one of the most popular types in use today. It operates this way: Bottom opening or "vent" on speaker panel channels the speaker back waves outside where they add to and reinforce the speaker front waves. Since reinforcement occurs at important low frequencies, bass-tone coverage and fidelity are excellent in this type of cabinet.

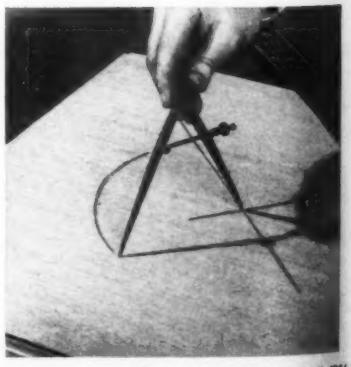
A bass-reflex cabinet is easy to build. It requires only basic woodworking skills and regular power and hand tools. Important details to observe are tightness, rigidity, and inclusion of padding to prevent reverberation inside enclosure.

The big thing to remember when you build this enclosure is that the speaker should be good enough to cover the high tones, also. Any 8-, 10-, 12-, or 15-inch extended-range speaker will work. For best results a coaxial or triaxial type is recommended. Use ¾-inch plywood; the kind is up to you. These photographs show you how to cut and join it.

Photographs: Stanley

Rabbet all four edges of the front and back panels, and the top and bottom of the sides to accept the top and bottom. The depth of cut should be about ⅜ inch.

With sharp chisel, clean out rabbets so other members fit tightly in them. Most lumberyards will cut stock to size.



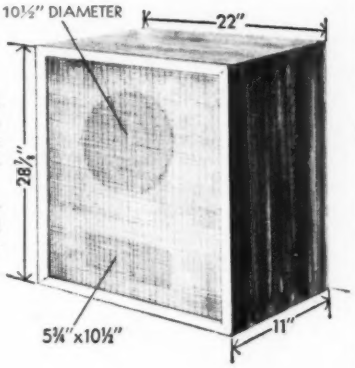
Set out circle for speaker opening (see drawing for location). Dividers do accurate marking job for this.

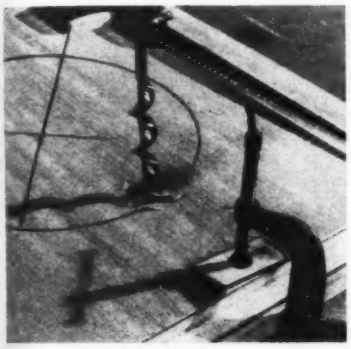
For 8-inch speaker, figure 6½-inch diameter circle; 8½-inch diameter for 10-inch speaker; 10½-inch for 12-inch speaker, and 13¾-inch for a large 15-inch speaker.

speaker cabinet

Here's a typical bass-reflex speaker enclosure. Dimensions are for 12-inch (best sound at medium cost) speaker equipment.

Ask dealer or write manufacturer about other sizes and specific requirements. They may vary speaker to speaker.

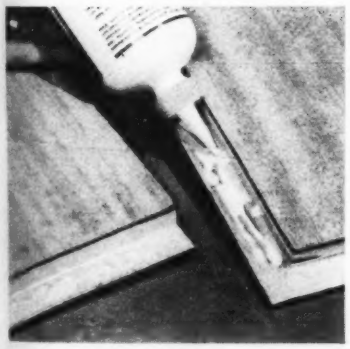




To saw out the circle, first bore a hole through stock so cutting edges of bit come just to line left by the dividers.

Scrap stock clamped underneath plywood accepts lead screw of bit—pulling cutters through without splitting.

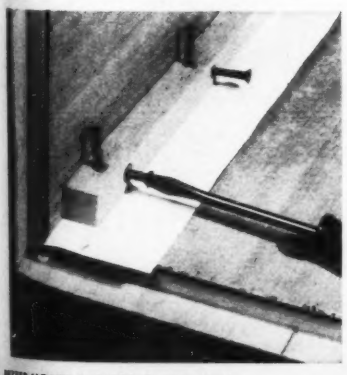
Insert blade of keyhole saw in hole and cut out circle. Vent is cut out same way.



Spread glue evenly in the rabbets which will accept the sides. Let glue get "tacky."

Then stick the sides to the front and back panels, bar-clamping them tightly to the front and back till glue sets.

To save yourself hours of sanding later, wipe off excess glue after clamps are tight.



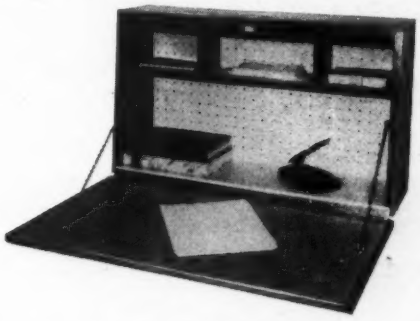
Strengthen the joints with ¾-inch square pine cleats. They are predrilled and countersunk for screws; screw and glue them in place as speaker enclosure is assembled.

To pull cleats up tight in corners, insert paper under the cleat. Run screws in one panel, remove the paper and drive in rest of the screws.

More on page 344

AMF DeWalt®
POWER SHOP

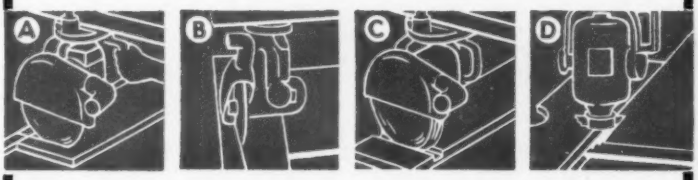
makes a wall desk



in one evening...

does everything—easier, finer, safer

Simply draw saw across boards to cut to size. See your mark *and* your cut, A. Turn motor and taper-rip both side boards at once, B. Mount dado head and groove where required, C. Shaper head molds desk edge, D. And you have a smart wall desk, ready to erect!



Your big-capacity, easy-to-use De Walt is 12 professional power tools in one—*a complete home workshop.* And it builds into workbench—uses 75% less floor space than ordinary table saws! Arm raises, lowers, swings 360°... motor and saw ride on arm, rotate 360°, tilt past 90°. De Walt saws, sands, routs, shapes, grinds, drills, dadoes, surfaces, even cuts aluminum... converts to a lathe, saber saw, belt sander... *pays for itself many times over!*

MB-F above—¾ hp De Walt-built motor, U.L. & C.S.A. Approved, 9" blade cuts 2½" deep, rips 24" wide... *just $239 delivered.* Professional size GW-I—1½ hp motor, 10" blade cuts 3" deep, rips 26" wide... $395.

As little as $2.50 a week after 10% down on De Walt's Easi-Budget Payment Plan.

Another AMF Product
DE WALT POWER TOOLS

De Walt Inc., Dept. BHG-56-5, Lancaster, Pa.
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AMERICAN MACHINE & FOUNDRY COMPANY

☐ Please send FREE 20-PAGE BOOKLET on AMF De Walt and name of nearest dealer.

☐ Please send FREE STEP-BY-STEP PLANS on Wall Desk Illustrated.

NAME_____

ADDRESS_____

CITY_____ ZONE____ STATE_____

Built-ins with hidden extras

Continued from page 275

Don't forget your overnight guests

All the guest has to do is pull out the top drawer shown at left, and there's a convenient mirror for his use.

Spaces on either side provide "parking" for jewelry and toilet articles.

Storage drawers hide behind doors in this linen-storage unit. The large number of shallow trays allows place mats, tablecloths, and napkins to lie flat in neatly sorted piles that can be easily seen. The room with this built-in unit has often doubled as a guest room

Look again, a chair's in the corner

The corner built-in unit was planned for a growing library collection. Just look at the storage space packed into this combination guest room and study in the Thomas Tarrant home in Ladue, Missouri

Here's more than meets the eye. Pulling on the handles reveals a chair ready to convert corner into a desk.

Heat comes into room behind this pull-out. That's why there's a vent in chair back.

If one built-in isn't enough, make another one like it!

Decorator: Byock and Lane Studios

There's well-organized storage behind these doors. Identical cupboards frame the steps from the dining room to living room in the home of Dr. C. William Moeckel, Verona, New Jersey. Note the addition of a handrail at the side of the built-in for stairway safety

This cupboard houses the linen drawers and stores large serving pieces in the left-hand section. The built-in on the right side of stairway has silver drawers (partitioned and lined with tarnish-resistant cloth) plus additional storage for other large service pieces

before you renew a single policy, find out about Hartford's 1-Policy "Package" Plan

There are two ways to insure your home, your personal belongings and your personal liability.

One way is to buy three or more separate insurance policies.

But there's a much better way! Let your Hartford Fire Insurance Company Group Agent tell you about it.

Let him combine the fire, theft, liability and other insurance you need for your home. Get ONE policy! A Hartford "Package" Policy can save you as much as 20% of what you would have to pay for separate policies giving you the same broad and dependable protection.

Don't overlook the real *convenience* of a Hartford "Package" Policy, either. Just one policy to keep track of . . . one policy to pay for. And, if you wish, installments can be arranged to fit your budget.

Get the whole story of this modern protection from your Hartford Group Agent now. Or, if it's more convenient, mail us the coupon below. We'll send you easy-to-read literature describing our 1-Policy Plan.

A final – and important – point. There's no need to wait until your present policies expire before enjoying the advantages of a Hartford "Package" Policy. Your Hartford Group Agent can arrange the details for you at once.

All this dependable Hartford protection in one package!

Our 1-Policy Plan insures you against

Fire	Liability
Windstorm	Theft
Losses away from home	Hail
Falling Objects	Smoke
Glass Breakage	Collapse
Aircraft Damage	Explosion
Vehicle Damage	Additional Living Expense
Vandalism	

. . . and other hazards, too.

Year in and year out you'll do well with the

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Hartford Fire Insurance Company
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Hartford Fire Insurance Company Group
Hartford 15, Conn., Dept. B

Your modern 1-Policy "Package" Plan sounds interesting. Without obligating me in any way, please send the literature you offer.

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Address _____

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The Little Bottle

with a lot of big action

This is Professor Foster's Discovery —the greatest thing yet in a liquid detergent—perfected in the famous Sexton research laboratory.

Put a teaspoonful of this cleaner in a gallon of water! It's almost magical for everything from washing dishes to sheerest fabrics.

Professor Foster's Discovery—used by foremost hotels, restaurants and hospitals—sold at better independent grocers.

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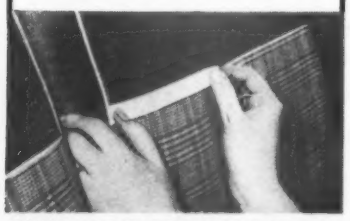
Sexton Quality Foods

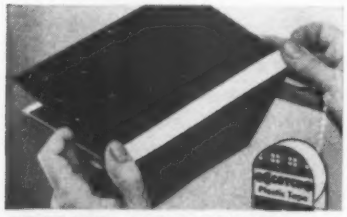
John Sexton & Co., Chicago

FIXIT TIPS..

WITH "SCOTCH" BRAND COLORED PLASTIC TAPE



MEND AUTO SEAT COVERS with this stretchy tape that hugs curves, sticks like skin. Choose from seven colors to harmonize or contrast.



REINFORCE BOOK BINDINGS and edges with this long-wearing "Scotch" Brand tape. Tough all-plastic backing bends without cracking. ¾" width 25¢, 1½" width 50¢ at stores everywhere.

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PRODUCT OF 3M RESEARCH

THE FAMILY CAR

Driving lessons are worthwhile

By Irv. Leiberman

If you, your mate, or your teen-age youngster wants to learn to drive a car, you may be considering a driver-training school. And lessons from a professional could be your best possible move, if discretion is used in the choice of a school and the course is followed all the way through.

There are more than 1,800 professional driving schools in this country, which train about 500,000 drivers each year. In many high schools, driver-training courses are offered as electives.

In most of these schools, drivers are taught the finer points of road strategy, the mechanical and physical laws that an automobile in motion obeys, the concept of social responsibility on the road, and the technique required in various situations.

The figures show that formally-trained drivers have fewer accidents. A two-year survey made of more than 3,000 Cleveland motorists, all licensed to drive, indicated that those who had received professional driver training were involved in 50 percent fewer traffic accidents than the untrained drivers. Also, of 800 Eau Claire, Wisconsin, graduates of driver-training courses, not one had an accident in three years.

Young people not prepared

The difference in accident figures is especially striking among youthful drivers—between 16 and 24. This group, well under 20 percent of all [*Turn to page 298*

Parallel parking. This is only one of the finer points a student will learn in a driver-training course. More experienced drivers who've done it hundreds of times admit it's one of the hardest things to do smoothly

Photographs: Pease

Backing up. Patience, practice, and study combine to make better drivers.

After a driver has backed a car between the flags time after time without grazing them, he's not so likely to scrape the garage door.

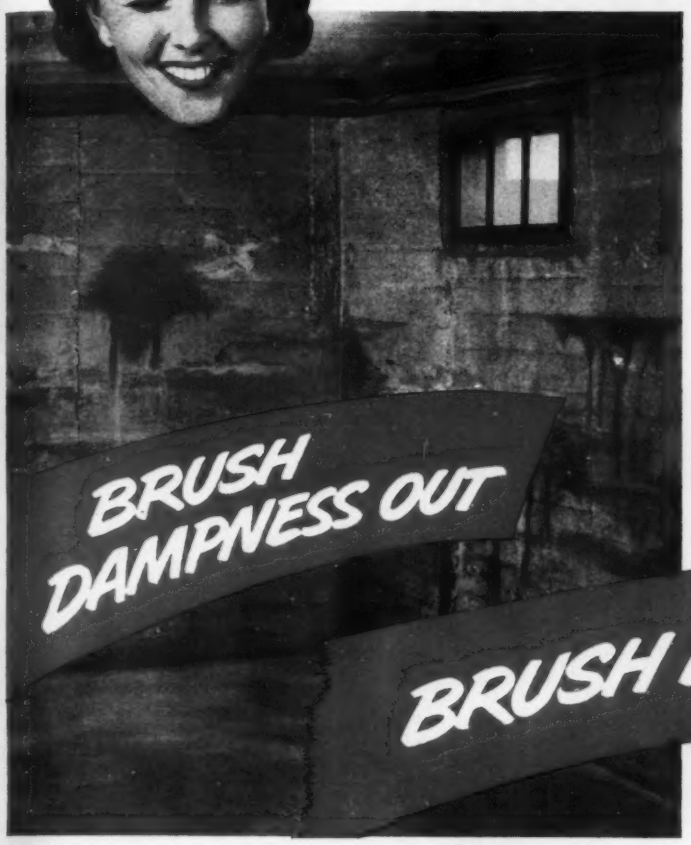
←

How close? Judging of distances is important, as this instructor is explaining to his driver-training students.

To park a car expertly, maneuver it in heavy traffic, pass other cars on the highway, a driver must acquire an accurate "feel" of the bumper-to-bumper length and width of the car he's driving.

"Wet cellar? WATERPROOF* IT quick as a wink"

*Applied according to directions on label, Wonder-Pruf will be effective for up to 5 years on open textured interior masonry wall surfaces.



BEFORE—a waste of space

AFTER—a cheery, useful room

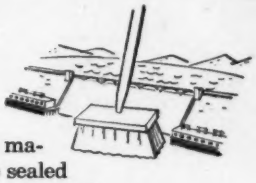
Just one easy operation! No mixing! No curing! First of its kind—

NEW DEVOE WONDER-PRUF (THE READY-MIXED WATERPROOF TYPE MASONRY FINISH)

Waterproofing demonstration at your paint dealer

Ask your dealer to show you this cinder block which has been covered on the outside with WONDER-PRUF—except for a small front area. Water leaks through this unprotected area. *The waterproofed surface doesn't leak a drop!*

Holds back water like a dam



The "secret of success" for this entirely new product is that *it contains no water* (as do ordinary cement paints). Nor is water used in its application.

When you apply this new waterproofing finish to a masonry surface, the cement particles in the finish SINK DEEP DOWN into the pores of the masonry. *They are not thinned out with water* (because water is totally absent). Consequently when the Devoe Wonder-Pruf dries, the masonry pores are sealed *solid, starting from the bottom*—your cellar (or masonry wall) is virtually watertight.

Ready mixed—brush it on—let it dry—no aftercuring with water—what more could you ask? Be sure and see your paint dealer for new Devoe Wonder-Pruf. You'll find a wide choice of new rich colors for waterproofing your cellar, basement, utility room or any masonry surface.

DEVOE PAINT

SEE YOUR PAINT DEALER.
HE'S LISTED IN YOUR CLASSIFIED PHONE BOOK.

New Wonder-Pruf is also distributed under these famous names —BAY STATE—Wadsworth, Howland & Co., Boston, Mass.; PEE GEE—Peaslee-Gaulbert Paint and Varnish Co., Louisville, Ky.

It's planned for a bigger future

Now it's a minimum house—one of the simplest-possible structures, a rectangle minus all the "extras." This family's solution for getting the home they want: Build in stages—adding to their house according to what they need and can afford

Count the ways spaciousness was made part of the living area: (1) glass walls swell visual size of rooms; (2) living and dining rooms share same floor area; (3) ceiling frankly follows roof line; (4) pass-through with obscure glass doors connects kitchen with the living area

When you build a home, you don't have to build it all at once. This may be the only sure way to get the home you *want*—instead of just the one you can afford at the time.

The Henry Morgans of Lincoln, Massachusetts, went to Architect Hugh Stubbins, Jr., with this request: "Give us a minimum house that can grow with our family and our finances. One that we can add on to logically."

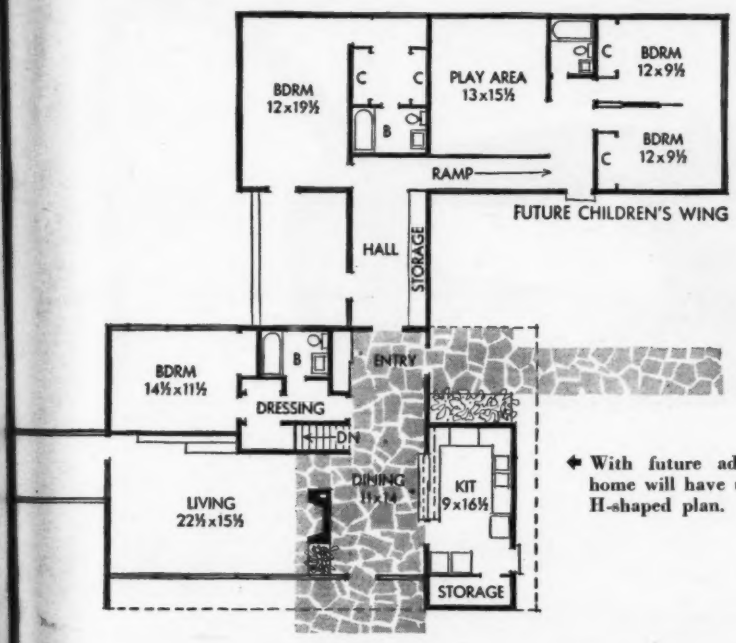
His answer is the "first-stage" result you see here. Eventually, the present house—a simple rectangle—will be devoted entirely to family living. Its one bedroom will become a study.

The new wing, to be built in two stages, will add three bedrooms, two baths, a dressing room, and a play area. Bedrooms will have separation from the living wing equivalent to that in a two-story house. A central, storage-lined hall will bridge the existing house and the addition.

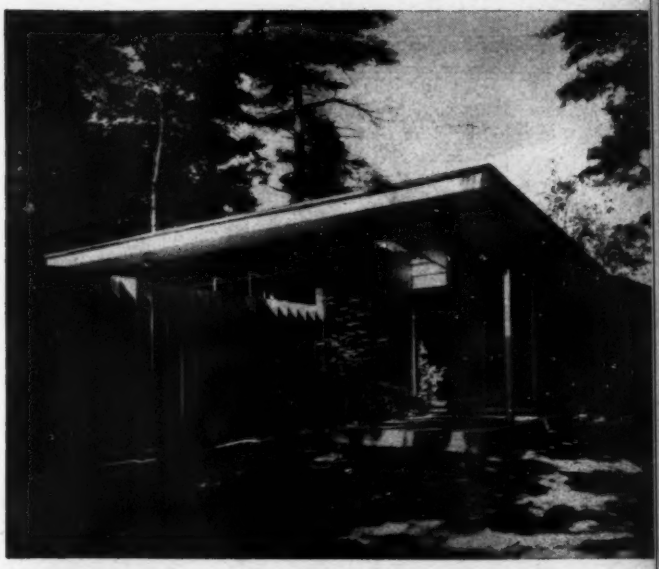
Activities in the new wing will be sharply defined, too, with the children's bedrooms and play area placed on a level lower than the parents' bedroom.

With the new addition, plus the already spacious living-dining wing, the Morgans will have a *large* house. And more important, the house they wanted—but couldn't build all at once.

Here, recessed glass walls fill 33 feet of 47-foot-long house, opening living areas to terrace. Roof overhang, end wall (left) shade and protect windows. "Butterfly" roof overcomes boxlike look of rectangular house. Redwood siding blends home with setting



With future additions, home will have unusual H-shaped plan.



Entrance hall will be extended 8 feet to the right, connecting with future sleeping wing. Front door gains interest with unbalanced panels of obscure glass on each side that provide light for entry hall. Opening in roof allows sunlight for planting area

Photographs: Garrison

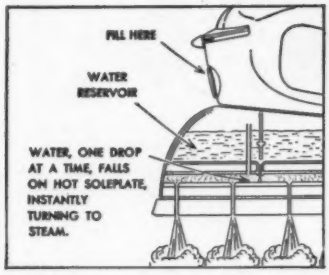
Informal, durable materials and decorating cut maintenance time and cost. Walls are glass or natural-finished wood. Washable fabrics and finishes of principal furnishings are dark; rug is fibre. Door at right leads to cantilevered deck terrace over a ravine

Kitchen pass-through shelves, breakfast and serving counters are near dining room and terrace. Owner made this smart dining table from a standard flush door and curved wooden legs. Floor is easy-to-maintain flagstone in dining area and entrance hall

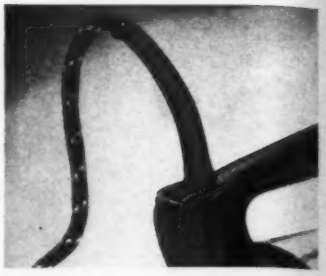
New, improved features of G-E Steam and Dry Iron make ironing faster and easier 7 ways!

1. Iron without sprinkling—everything except heavy cottons, linens and starched fabrics. Iron provides increased steam penetration.

2. Press like a tailor without a damp cloth! You can *see* where to put creases, so you press *perfectly!* Save money on pressing bills.

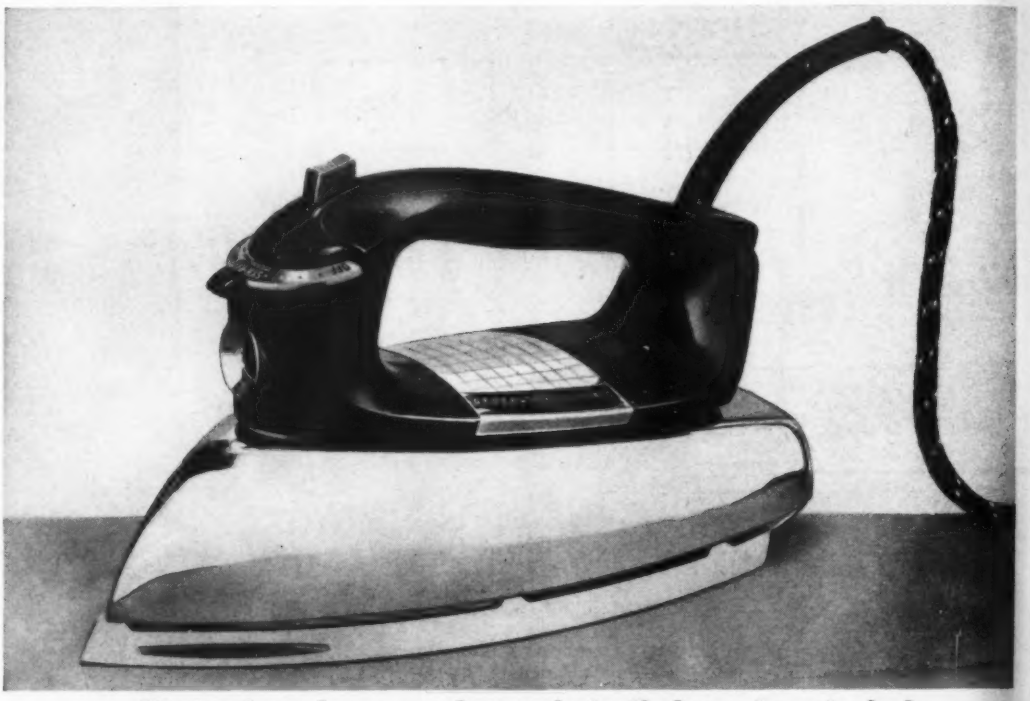


3. New Even-Flow steam system provides constant volume of steam. Steam stops when iron is on heel rest. Uses tap water in most areas.

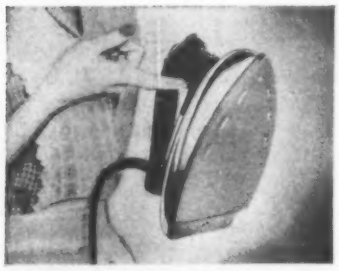


4. New Cord-Lift lets you iron right- or left-handed. Cord-Lift keeps cord off what you are pressing and out of the way at all times.

5. For heavy cottons, linens, starched fabrics that need sprinkling, use as *dry* iron. Press button and change instantly from steam to dry.



It's two irons in one . . . changes instantly from steam to dry!



6. Lightweight! Only 3 pounds! Means easier handling. Large soleplate—more than 30 square inches—covers wider area in fewer strokes.

7. No more scorching! Visualizer Fabric-dial adjusts heat for any fabric. Get a new Steam and Dry Iron at your G-E dealer's today!

STEAM & DRY IRON

NEW LOW PRICE **$14.95***

SEE this and these other wonderful irons at your G-E dealer's: G-E Visualizer Iron ($11.95*), G-E Budget Iron ($9.95*), G-E Portable Steam & Dry Iron ($9.95*). General Electric Company, Housewares and Radio Receiver Division, Bridgeport 2, Connecticut.

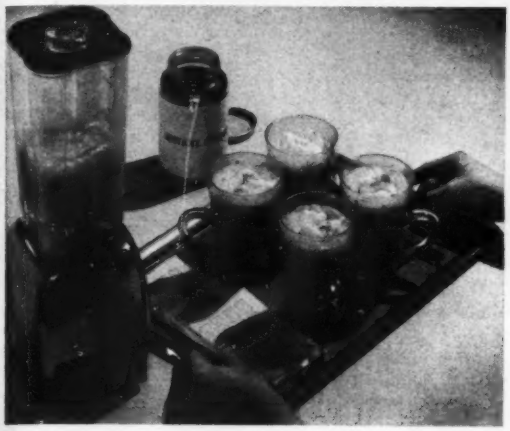
**Manufacturer's recommended retail or Fair Trade price.*

Progress Is Our Most Important Product

GENERAL ELECTRIC

A tasty chocolate-and-coffee cooler—beginning of a perfect "blendship." Mocha Shake is sure to become a family favorite. Your blender whips it up in a whiz. Streamline model pictured has copper base, also comes in chrome.

Remember this handy appliance for eggnogs, malts, fruit drinks, soup, pureeing fruits and vegetables, too.



Dips are a natural on your blender. Take just seconds! Try our Olive Cheese Dip or experiment with your favorite ingredients and seasonings to blend up your own specialty.

You'll find your blender's grand for bread and cracker crumbs, mincing onion and garlic, chopping nuts, preparing sauces, relishes, sandwich spreads. This chrome blender is a two-speeder . . . high for liquefying and low for coarse cutting.

How to "cook" with your blender

DON'T LET THIS BIG HELPER stand idle. It's loaded with possibilities, will take over many daily food-preparation jobs. Try these suggestions and tips—they're more than just "tricks"

Photographs: Nelson, Photography, Inc.

Lemon Fluff Pie is super easy with this combination blender/mixer/knife sharpener. No need to stop to grate the lemon peel either—just drop small pieces of lemon (peel and all) in blender. Result: a new tangy flavor.

Use mixer to beat egg whites called for in recipe. Just remove blender, place aluminum mixing bowl (with tube in center) on base, place beater in tube opening, and unit goes to work as a mixer.

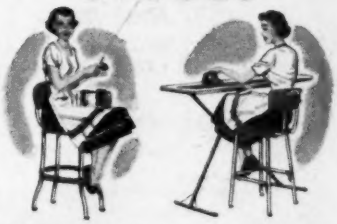
Recipes on next page

Stir up Crunchy Pecan Waffles in 2 minutes flat with a blender. Use this recipe or your favorite mix. Pour right from blender container onto hot waffle grid and sprinkle with pecan halves, bake. A treat for Sunday breakfasts!

Let this little wonder help you with muffins, cakes, and cookies, too. With different speed settings, blenders do more tasks than ever. This liquefier-blender is available in pink, aqua, yellow, white, copper, or chrome.

Work to be done?
Don't stand for it!
Get one of these

COSCO®
STOOLS



● Work *seated* . . . on a restful Cosco Stool! Eighteen smart models . . . all featuring sturdy tubular steel construction, tested to support 1,000 pounds. All edges rounded or turned under. Smooth, washable surfaces, many bright colors. Priced low as $3.45* at department, furniture, hardware stores. Get yours now...and be sure it's Cosco!

HAMILTON MANUFACTURING CORPORATION
COLUMBUS, INDIANA

Look for this seal when you buy. It is your assurance of highest quality and value.

Buy with Confidence
THIS IS A GENUINE COSCO PRODUCT
Famous for Quality and Value

2-D Kitchen Stool: Sparkling chromium legs; Duran upholstery, two colors. **$8.95***

4-A Step Stool: Chromium legs; enamel seat and trim, three colors. **$9.95***

3-G Kitchen Stool: Sparkling chromium legs; Duran upholstery, four colors. **$10.95***

9-G Posture Kitchen Stool: Chromium or black enamel legs. Duran upholstery, five colors. **$12.95***

Guaranteed by Good Housekeeping

* Slightly higher Colorado and west, and in Canada.

Freeze Fresh Fruits New "No-Failure" Way

Fruit-Freeze
TRADE MARK

You can freeze fruits without danger of discoloration or loss of flavor—with new *Fruit-Freeze*. As pure and wholesome as the fruit itself. Easy to use. Economical. Simple recipes on every jar. At leading food and drug stores. Write for *free* sample. Merck & Co., Inc., Rahway, N. J. Dept. BH-5.

FIXIT TIPS...
WITH "SCOTCH" BRAND MASKING TAPE

REPAINTING BASEBOARDS? Use this professional trick: protect carpeting with tight-sticking "SCOTCH" Brand Masking Tape and paper.

STRIPING FURNITURE? This stretchy tape hugs curved surfaces, strips off cleanly and leaves neat edge. Get "SCOTCH" Masking Tape in handy dispenser carton with cutter edge, wherever paint is sold.

© 1956, Minnesota Mining & Mfg. Co., St. Paul 6, Minn.

How to "cook" with your blender

Begins on preceding page

Crunchy Pecan Waffles

Delicious for an impromptu midnight snack—or brunch, of course—

2 eggs
1½ cups milk
¼ cup salad oil or melted shortening
• • •
2 cups sifted enriched flour
3 teaspoons baking powder
1 teaspoon sugar
¼ teaspoon salt
• • •
Pecan halves

Place eggs, milk, and salad oil in blender. Cover and run at high speed until creamy (about 30 seconds). Add remaining ingredients except pecans and mix at high speed until smooth (1½ minutes). (When necessary, scrape ingredients from sides of container with rubber spatula.) Pour onto hot waffle grid. Sprinkle with pecan halves. Bake till golden brown. Makes about 6 medium waffles or 12 small squares.

Asparagus Soup
(not pictured)

Spring flavor is this easy to come by—

1 12-ounce package frozen asparagus or 1 bunch fresh
2 cups milk
1 tablespoon butter or margarine
1½ teaspoons salt
Dash pepper

Cook the asparagus till tender in small amount boiling water; drain. Place 1 cup of the milk in blender and add cooked asparagus to it gradually, blending well. Add remaining cup milk. Heat to serving temperature in saucepan. Add butter, salt, and pepper. Makes 4 servings.

Olive Cheese Dip

Add olives last. You'll find surprise bits that give texture—

1 8-ounce package cream cheese
1 2¼-ounce can deviled ham
1 medium slice onion
¼ cup light cream
1 teaspoon Worcestershire sauce
¼ teaspoon dry mustard
• • •
8 to 12 stuffed green olives

Place all ingredients except olives in blender. Cover and blend on high speed about 15 seconds or until smooth. With blender running, drop in a few olives at a time through center opening of cover; blend about 5 to 10 seconds more. Makes 1½ cups.

Blue Cheese-Almond Spread
(not pictured)

Something different for little party sandwiches to go on your hors d'oeuvre tray—

1 cup (about 4 ounces) crumbled blue cheese
1 cup dairy sour cream
½ cup diced sharp process American cheese
1 tablespoon Worcestershire sauce
1 teaspoon paprika
• • •
½ cup toasted salted almonds

Place first 5 ingredients in blender. Cover and blend till smooth. Add almonds. Blend just a few seconds more so almonds are still coarse. Makes 2 cups.

Lemon Fluff Pie

A whole lemon (peel, pulp, and juice) gives unusual flavor to this pie and no cooking necessary!—

1 tablespoon (1 envelope) unflavored gelatin
¼ cup cold water
1 lemon
4 egg yolks
½ cup sugar
¼ teaspoon salt
4 egg whites
½ cup sugar
• • •
1 9-inch graham-cracker crumb crust or baked pastry shell

Soften gelatin in cold water. Dissolve over hot water. With sharp knife, pare just ½ of whole lemon lengthwise; discard this portion of peel. Halve lemon, then cut in 8 to 12 small pieces; remove seeds. With blender running, add few pieces lemon at a time through center opening of cover. Cover opening. Blend until lemon is finely chopped. Stop blender, scrape down sides. Add dissolved gelatin; start blender. Add egg yolks, one at a time. Add ½ cup sugar and the salt; blend until sugar is dissolved. Pour mixture into small bowl and chill until partially set. Beat egg whites in mixing bowl until soft peaks form. Gradually add remaining ½ cup sugar and beat until stiff peaks form. Fold gelatin mixture into egg whites. Pour into pie shell. Chill till firm.

Mocha Shake

A rich, creamy, coffee-flavored drink. Remember it for hot summer days—

1 pint chocolate ice cream
2 cups milk
2 tablespoons instant coffee
¼ teaspoon nutmeg
• • •
Whipped cream
Instant coffee or nutmeg

Place first 4 ingredients in blender. Cover and blend until smooth, about 1 minute. Pour immediately into mugs. Top with fluffs of whipped cream and sprinkle with instant coffee or nutmeg. Makes 4 cups.

Bake brioche

Begins on page 118

Brioche

1 package active dry *or* 1 cake compressed yeast
¼ cup water
½ cup milk, scalded
½ cup butter or margarine
⅓ cup sugar
½ teaspoon salt
3¼ cups sifted enriched flour
3 beaten eggs
1 beaten egg yolk
• • •
1 slightly beaten egg white
1 tablespoon sugar

Soften active dry yeast in *warm* water, compressed yeast in *lukewarm* water. Cool milk to lukewarm. Meanwhile, cream butter; add ⅓ cup sugar and the salt, creaming thoroughly. Add milk to creamed mixture; stir in 1 cup of the flour. Add softened yeast, eggs, and egg yolk; beat well. Stir in remaining flour; beat 5 to 8 minutes longer. Cover; let rise in warm place till a little more than double (about 2 hours). Stir down; beat well. Cover *tightly* with aluminum foil; place in refrigerator overnight. Stir down; turn out on lightly floured surface. Divide dough in fourths. Set one section aside. Cut the other three sections in half and form each piece in 4 balls (24 in all). Form the reserved section into 24 smaller balls. Place large balls in greased muffin pans. Poke indentation in top of each and moisten hole *slightly* with water. Press small ball in each indentation. Cover; let rise in warm place till double (about 1 hour). Combine egg white and 1 tablespoon sugar; brush tops with mixture. Bake in moderate oven (375°) about 15 minutes, or till done. Serve warm. Makes 2 dozen.

Directions

Continued from page 181

it can be used to catch insects, retrieve lost objects from inaccessible places, clean the car trunk after a beach picnic.

Owners of home food freezers are also lazy when it comes to exploring the instructions offered them in the appliance manuals. Few of them realize that almost any food, from eggs to melons, can be stored in a freezer if properly prepared. More important, many freezer owners do not follow the directions regarding the proper way to wrap foods destined for long storage, with the result that the flavors are lost.

We live in a world guided by directions and instructions. When we dine out, it will pay to look for the small words at bottom of the menu, "Cover charge" or "Minimum service charge." Whether the directions state SHAKE WELL BEFORE USING or DO NOT OPEN AT THIS END, it pays to heed them.

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JUST RIGHT FOR CHILDREN: *right* temperature, *right* humidity to bolster appetites, encourage sleep, improve health—and behavior. Freshened, filtered air is *automatically* warmed in winter, cooled in summer; quietly and evenly distributed to every room. Gives children boundless energy!

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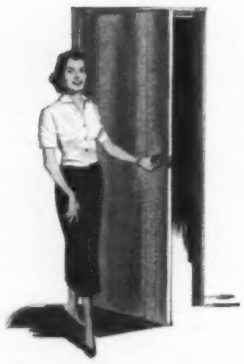
Guaranteed by Good Housekeeping

LENNOX—WORLD LEADER IN HOME COMFORT

Leader in Research: 60 years of outstanding engineering advances. *Leader in Equipment:* heating units for any fuel, any size house, any installation; summer air conditioning units for any size house, any installation. *Leader in Dealer-Service:* biggest, best-trained dealer organization in the industry.

Smo-o-oth is the word for Truscon steel doors



They work easily, will not stick

That's because steel can't possibly warp, swell or shrink to cause binding or sticking. Moreover, Truscon Steel Doors come complete with frame and all hardware. No cutting, planing or fitting needed. They're engineered to fit right, close tight. Your builder, remodeling contractor or home handy man can easily install them with confidence.

They blend perfectly with any architectural treatment, too. The flush, simple design of Truscon Steel Doors is in the best of taste. And they can be painted to match room decorations because the steel is Bonderized, then finished with a baked-on coat of paint.

Where room space is limited, Truscon Sliding Closet Doors provide the perfect answer. They glide silently on nylon rollers, allow for better closet arrangement. Truscon Steel Sliding Closet Doors and sound-deadened Swing Doors are in sizes for every room. See them at your building material dealer's. See Truscon Steel and Aluminum Windows, too. Send coupon for interesting and colorful door and window idea booklet.

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Please send me free metal window and door idea books.
I'm planning ☐ to build ☐ to buy ☐ to remodel.

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Address _____

City _____ *Zone* ____ *State* _____

K-9904

Today's house can really take it!

Begins on page 82

By use of open cupboard divider, kitchen is allowed to share view of terrace and garden through dining-room glass. This is the kind of vista you get throughout living area.

Ingenious divider wall (cross page, right) lets you cook, serve, and store all in one unit. Translucent glass panels slide open for partial or complete exposure of dining room to kitchen. Pull-out counter on this side is made to order for buffet-style meals.

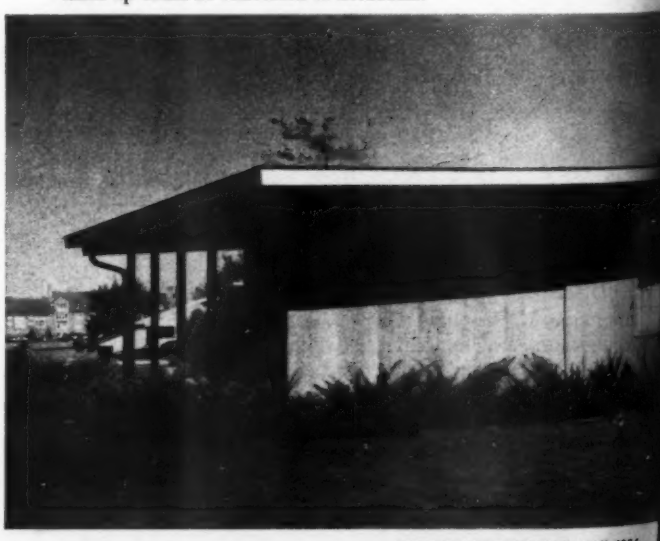
Lot, too, is "enclosed" for living →

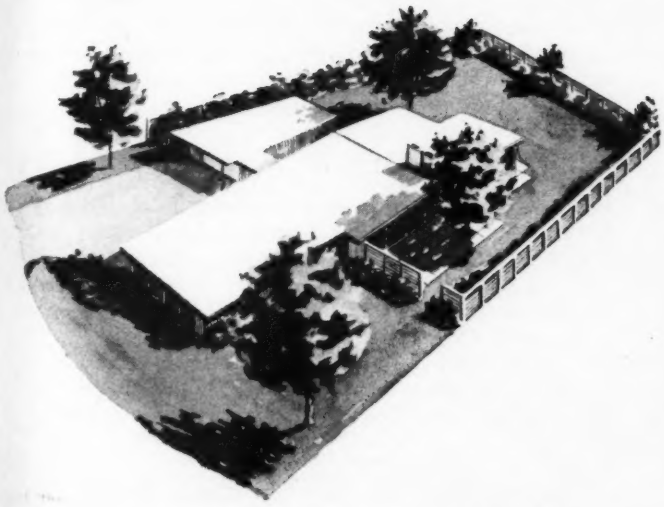
Activity areas are in no way shorted, yet house takes nicely to moderate-size, inside lot. Outdoor living is enclosed at back by high louvered fence to keep family doings completely private. Projecting garage serves to screen service area from view.

House is planned to show no glass directly to the street. Instead, carport is positioned to occupy front lot space. Careful planting keeps fence lines from becoming harsh and forbidding.

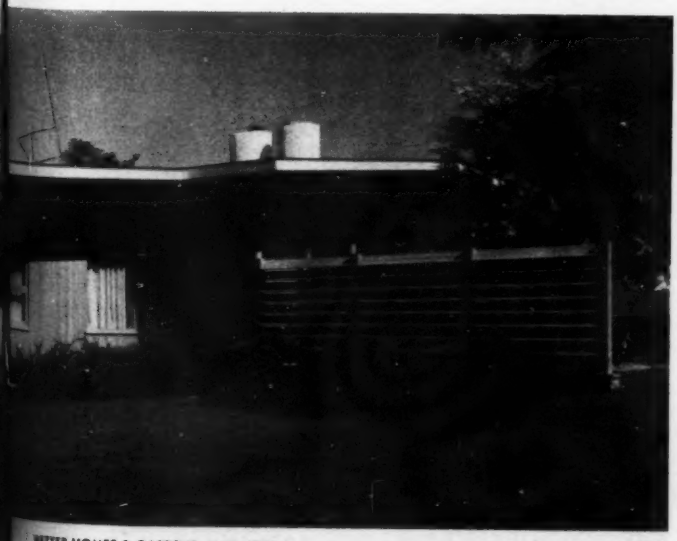
From street, you see how house and outdoor areas gain remarkable degree of privacy through careful location of house on lot, simple louvered fencing, and thoughtful plantings.

Long climb of roof from street front breaks over living room to descend over kitchen, dining room, and porch at rear of house. Windows here light parents' bedroom and study. The space carport now takes up could be converted to bedrooms.





More on page 300



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MAN, WHAT A DIFFERENCE! You can't believe how much easier it is to turn corners and slip through traffic—how pleasant parking can be—until you try this new Chevrolet Power Steering!

P.S. It won't cost you a cent to *try* Chevrolet Power Steering and just a few cents a day to *enjoy* it. (Owners get back about 2/3 its original cost at trade-in time, too!) So *be sure* to try a '56 Chevrolet with Power Steering before you buy—you'll say it's the sweetest-handling car you ever drove! And remember—you and your family will be *safer* with Chevrolet Power Steering!

YOU FEEL SO SECURE with Chevrolet Power Steering! Full "road feel" all the time—nothing new to learn—and you're far safer in steering emergencies. Man, that added safety sold me!

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Driving lessons are worthwhile

Begins on page 288

drivers, was responsible for more than 27 percent of last year's fatal accidents—a tragic total of 12,000 deaths. These fatalities, plus 400,000 nonfatal accidents, are definite proof that the young people behind the wheel were not properly prepared to handle a car.

A change in this situation can come about, the National Safety Council says, only by a wide increase of the movement to provide driver education as a full course in the classrooms of the nation's high schools for the teen-agers, and to provide a thorough, but inexpensive, driver-training course for adults.

Unfortunately, many high schools do not as yet participate in the driver-training program. Here's what H. W. Humphrey, assistant professor of industrial arts, Ohio University, says:

"In a certain small high school in southeastern Ohio, students taking typewriting are required to spend approximately 180 hours to complete the course. In this same school, many hours are given to dramatics, music, Latin, and the various interscholastic sports. But, since no driver-training course is available, these same students learn to handle a 90-hp, 1½-ton vehicle by the most haphazard methods imaginable."

Lives endangered

He points out that often the learning is accomplished in a school chum's jalopy, with no learner's permit and without the parents' knowledge. The teen-age boy teaches his teen-age girl to drive his father's car, thus endangering both their lives as well as those of other motorists and pedestrians.

Some parents complain that driving courses are taught by nonprofessionals; instruction is given by the fathers as a substitute. This course of instruction usually consists of getting the student behind the wheel, teaching him the rudiments of shifting gears, driving back and forth in the driveway, then around the block in the residential district, followed perhaps by a trip through the business district. If he gets through these various phases successfully, he is ready for his driver's examination.

When the teen-ager passes this final hurdle, the father brags to his friends at the office, "Well, Junior can drive as well as I can." Quite frequently, too, this is no compliment.

Professional instructor best

Safety experts say that under a nonprofessional teacher, the student often is not taught good driving attitudes and real safety rules, and that the period of instruction is likely to be too short. That doesn't imply that a man should never teach his wife or his youngsters to drive. Or, for that matter, that another amateur can't teach them. A professional instructor, however, is likely to do a better job.

The New York State *Drivers' Manual* plainly states: "Before attempting to take the driver's test, you should drive at least 20 hours under the supervision of a competent and experienced instructor. At least five hours of this should be in *heavy* traffic."

Clubs affiliated with the American Automobile Association give one of the most comprehensive courses in driver training for adults. This is a 20-hour course, of which two hours are devoted to a classroom lecture on the mechanics of a car, nine hours to observing another student drive, and nine hours to practice at the wheel.

The American Automobile Association has published an excellent 473-page textbook, *Sportsmanlike Driving*. Intended largely for high-school students learning to drive, it has also been found helpful for adults. The Association of Casualty

and Surety Companies has also published a good textbook, *Man and the Motor Car*.

Selecting a school

Since experts agree, then, that driving lessons are worthwhile, what are the things for you to look for in selecting a school? There are plenty of good commercial schools. The most important thing to do is to get definite commitments, preferably in writing, on just how much you will have to pay and what the school will give you for your money. Here are some points to check:

Price: It's going to cost between $4 and $5 an hour.

Length of training: Don't trust a driving school that absolutely guarantees a state driving license after a stated number of hours of instruction. It all depends on the age of the trainee and the quickness of his reactions. A beginner may have to have eight or more hours of instruction behind the wheel.

Instructors: Ask the school manager where he gets his instructors and how he trains them. Only a few states require instructors to have a special permit, so it is all too easy to hire unqualified teachers.

Equipment: The physical plant is a good guide. Are offices neat and cars well kept? Some dual-control equipment is essential. On most training cars, only clutch and brake are duplicated, but many also have two steering wheels, sometimes with one detachable. During the past two years, there has been an increasing tendency to teach on an automatic-shift car. It seems easier to learn on this type, but safety experts believe this is a fatal delusion. Driving demands quick reaction to a constantly changing traffic situation. Coordination of eyes and muscles must be highly trained for driving. Reflexes must become instinctive and judgment quick. These qualities are best developed by *training* on a standard-shift car.

Start on standard shift

Thomas Mascitelli, in charge of the American Automobile Association teachers in New York, says, "We believe a driver is better off if he learns on a standard shift, even if he's going to drive an automatic shift all his life. The ideal way is to start on a standard shift and then switch to the automatic on the eighth lesson and take the test on the automatic shift."

In some states, when a driver's license is issued to a person who took the test with an automatic-transmission car, the license is so marked.

References: Ask for a list of people in your neighborhood who have attended the school, and ask them for their reactions. You may want to check the Better Business Bureau or a similar group. In only a few states are driving schools required to be specially licensed.

If you are wondering what the training is like in these schools, the following may clear up any misgivings you may have.

Methods of teaching vary with different schools, but ordinarily you start in a dual-control car in an isolated spot. There, the instructor will explain the mechanical workings of the car. No doubt, you will do some driving that first day, too. Lessons generally last an hour, but are sometimes divided into shorter periods.

Many schools provide manuals, which you will be asked to study. If you are conscientious and study in advance, you will find that you catch onto the instructor's terminology quickly and save time.

As soon as you are able to, you will move into traffic. This is the time you will most appreciate having two steering wheels in the car. Later, if you tend to rely too much on the instructor, he may remove the extra wheel and put you on your own.

From then on, it is a matter of proceeding step by step through the problems of handling the car in all normal situations.

If you really want to be a good driver, don't nag the instructor to let you take your driving test too soon. He knows when you are ready better than you do.

That's all there is to it in most schools, but a few will make available to you two to four hours of classroom study as well. It won't be mandatory, but there will be strong pressure on you to attend. Many safety experts feel that such study is highly desirable.

Many schools actually start your training with a "psycho-physical" test, designed to check up on your depth perception, field of vision, reaction time, and the like, and give lectures on the attitudes of safety and courtesy that good drivers should acquire.

Attitude important

Emphasis on attitude is extremely important, according to Dr. Herbert J. Stack, director, Center for Safety Education, New York University. He says, "The most dangerous single factor contributing to the annual traffic-death rate on our streets and highways is *mental attitude*. Carelessness and deliberate chance-taking have been the primary factors in the needless slaughter of motorists and pedestrians. The realization that an automobile, even at its best, is a fast, powerful, inanimate machine guided only by the judgment and control of the man behind the wheel is proof enough that traffic accidents are as preventable as the individual driver wants, or knows how, to make them."

Doctor Stack points out that "a sound basic education on how to drive an automobile is the very essence of highway safety." So if you have been pondering whether to take driving lessons, there is no longer need to put off your decision. At the end of your course, you'll probably be able to pass your driving test with flying colors the first time around, and you'll be a safer driver, too.

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The low-swept contemporary design makes the La-Z-Boy "Low Back" a gracious piece of furniture that is a charming addition to your home—yet the ultimate in relaxing comfort can be had by merely raising the back of this outstanding decorator chair and reclining to the comfort position you desire.

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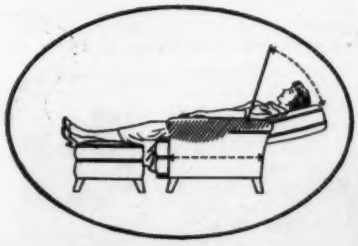

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Makers of Bulls Eye® Shellac

Today's house can really take it!

Continued from page 297

Fireplace wall is more than divider in dining room. It's big enough for hearth here as well as in living room. Second of two chimneys teams flues for heating plant and fireplace in basement recreation room. Slate floor leads around fireplace as walkway to the entry

Again, at rear of house, porch and garden get boost in privacy from louvered redwood fence. Porch acts as intermediary between interior and exterior—a link between kitchen, dining room, and terrace. Windows slide vertically in metal channels for fresh-air exposure

More on next page

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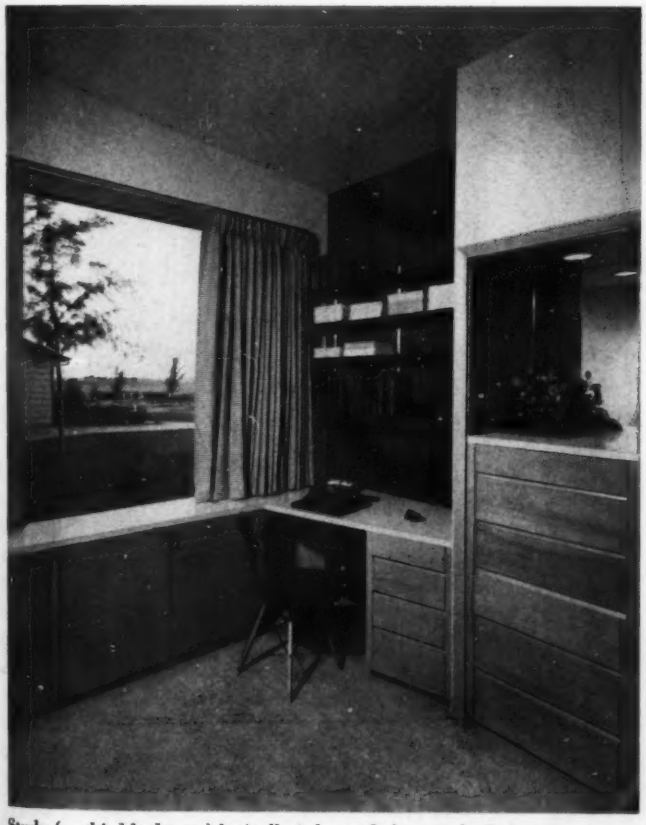
Today's house can really take it!

Continued

Parents' room has picture view, too. Windows throughout are insulating-type glass, a concession to rugged South Dakota weather. To maintain ceiling line low over entire length of house, the bedrooms are positioned two steps below living and working areas. This break gives a nice sense of separation between the quiet and the active zones



Study (or third bedroom) logically is located close to the living room and main entrance (see plan). The built-in storage cabinets, recessed bureau, and counter-top desk give the room an importance that belies its actual size (8x10 feet). As in parents' room that backs wall at right, large windows here create unusually bright and attractive space

How to get your plans, page 350

NEW *beauty ...convenience!*

Not only does this smart, trim aluminum door glamorize your entrance, it adds amazing new ease to modern living. And so much more comfort, too—around the calendar.

Here, for example, is just one of countless new Orange features—*self-storing, easy-glide panels!* Now, glass and screen panels glide up or down on stainless steel tracks . . . give you easy-to-control *full or partial* ventilation or complete glass protection . . . change from season to season in seconds.

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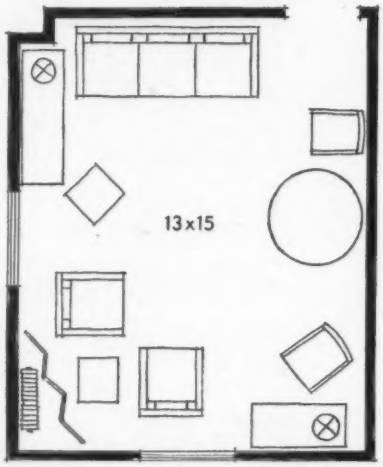
Decorating asset is made from an odd jog in the wall.

Low bench table with an unusual arrangement of prints above makes a center of interest. To balance this grouping, the sofa has a long, narrow painting that hangs off-center at the opposite side.

How to give a small room style



Small living room? Then study this plan to see how a desk area and two conversation groupings fit into a room that's only 13x15

Here's a room just 13x15 feet, but it has all the style you'd expect to find in a larger room. The secret? A careful selection of each piece of furniture and each accessory. These are placed against a background that's simple, yet dramatic. Old furniture is used with new—in a way that adds character to both.

Study the photographs, then take the ideas you like and adapt them for use in your own home.

Screen across a corner hides a radiator and helps break up the wall area. The ceilings in this old home are high —9½ feet. Walls and woodwork are white, but the bitter-green rug adds color and attracts attention to the floor, bringing the eye down away from the high ceiling line

Photographs: Hedrich-Blessing

Here's an excellent example of using old furniture with new. The Contemporary painting doesn't look out of place.

The old chair is covered in black and white fabric that matches the coverings of the modern pieces elsewhere in the room. The decorator and owner of this home is C. Donald Popplestone, Birmingham, Michigan.

These lovely fixtures cost as little as 38c* a day!

BATHROOM DESIGN BY VING SMITH

The new trend in bathrooms

The New Trend! The urge to do something wonderful . . . something really different. And it all began with Universal-Rundle's introduction of bathroom fixtures in matching colors! This lovely U/R bathroom is gleaming proof that you can make your bathroom the most interesting, the most talked-about room in your house. Compact, yes, but see how the richness of the Verdant Green fixtures draws out the depth of color in the Provincial woods. The trim styling of the beautiful lavatory and the charming cabinet, mean you have *loads* of counter space—storage room, too!

You can depend on U/R fixtures for smart, modern styling and long lasting, easy-to-clean surfaces. Continued research, and U/R pioneered manufacturing processes, are but two of the reasons why Universal-Rundle is now enjoying its 55th year of leadership.

If you are building or remodeling, ask your plumbing contractor, builder or architect for the world's finest bathroom fixtures by Universal-Rundle! If you are buying a new home, look for them. U/R fixtures are made in six decorator colors and Arctic White.

Master Meadow Bathtub: a luxurious vitreous enameled cast iron bathtub, one-piece construction for a lifetime of use.

Como Water Closet: the latest in one-piece design . . . quiet as a whisper. Smooth flowing panel design matches other U/R fixtures.

Carlton Lavatory: a *new* lavatory with extra-wide top and anti-splash rim for smart counter and cabinet installations.

*Plus installation

Send for your "Idea Book" today!

A wonderful, colorful book—ideal for anyone planning to build or remodel. Tips from a leading designer on finding a "personality" for your bathroom, color coordination, decorating, new materials and many, many more timely subjects—plus 18 full color "dream bathrooms." Just send 10c in coin for your copy!

UNIVERSAL-RUNDLE CORPORATION
375 River Rd., New Castle, Pennsylvania

Enclosed is 10c in coin for my "Planning & Decorating your Dream Bathroom" idea book.

NAME _____

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CITY _____ ZONE _____

STATE _____

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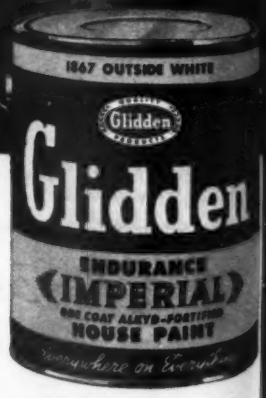
THE WORLD'S FINEST BATHROOM FIXTURES BY

Universal U/R Rundle

UNIVERSAL-RUNDLE CORPORATION, NEW CASTLE, PENNSYLVANIA • Plants in Camden, N. J.; Milwaukee, Wisc.; New Castle, Pa.; Redlands, Calif.; Hondo, Texas



How 2 special paints give your home EXTRA colorful protection at no more cost

SPRED GLIDE-ON in 36 colors—

special for brick, block, stucco, asbestos shingles

SPRED GLIDE-ON resists staining, fading, flaking, peeling; *keeps* its colorful beauty far longer than ordinary masonry paint because its tough, vinyl latex film "breathes"—lets inside moisture out, won't let dampness in. It goes on twice as fast as ordinary paints. Use either brush or large, exterior-type roller—save a day or more of painting time!

Special One-Coat Imperial White Paint

Saves you ½ the cost; ½ the work!

THE VERY BEST WHITE PAINT YOU CAN BUY—Glidden Imperial one-coat house paint is made specifically to do the important job of *covering* in one coat and *keeping* its brilliant, white, fresh look for years longer than ordinary white house paint. Imperial costs more per gallon—but you save the cost of a second coat and cut painting time in half!

(Sold in Canada as "Endurance Ultra White")

FOR COLORS ON WOOD buy Glidden *Endurance*, the house paint that lives up to its name. You can choose from a *full* range of latest exterior colors.

Glidden

Glidden

Pacemaker in Paints

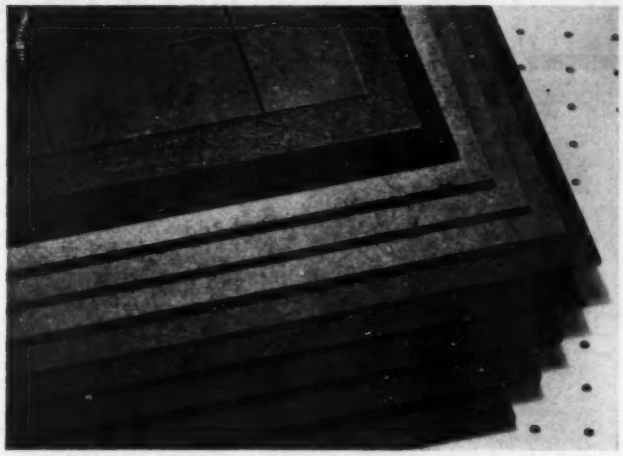
© 1956

The Glidden Company, Cleveland 2, Ohio. In Canada: The Glidden Company, Ltd., Toronto, Ontario. SPRED products also sold by dealers for the following paints: HEATH & MILLIGAN • CLIMATIC • ROYAL • T. L. BLOOD

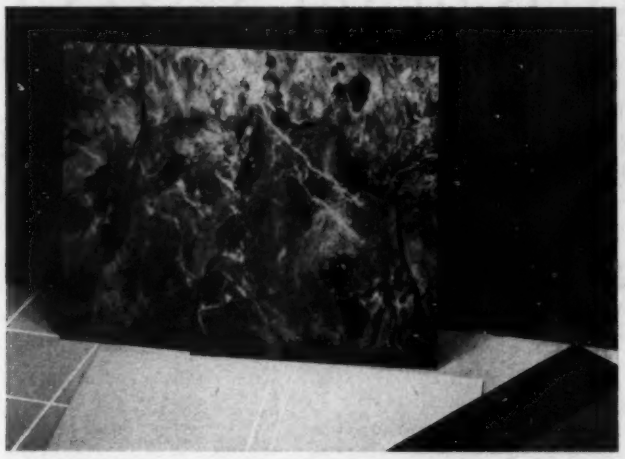
Through experience many people prefer Glidden. Typical favorites: For furniture, JAPALAC ENAMEL, looks, wears, washes like baked enamel. SPEED WALL Alkyd Enamel, modern finish for interior woodwork.

Better Homes and Gardens 1956 HOME IMPROVEMENT CONTEST

Hardboards—a wide range of types and sizes do a wide range of jobs



Unfinished hardboards are manufactured in a range of thicknesses with sheet sizes up to 4x16 feet. The many thicknesses—plus special surfaces—give you dozens of variations from which you can choose one precisely suited to your needs. Standard hardboard is the cheapest. Tempered hardboard has a very high resistance to moisture and wear



Prefinished hardboards have plastic surfaces in excellent simulations of marble, popular cabinet-wood grains, tile, structural glass, and plain colors to match any decorative plan. One variety is punched with holes for use with hooks as hang-up board. In decorator colors, perforated hardboard is widely used for the panels in cabinets and storage units

How to work with hardboard

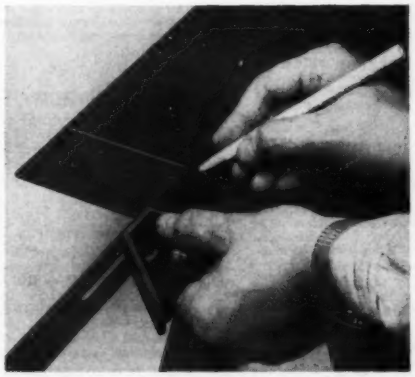
HARDBOARD looks different and feels different, but it's truly a handyman's material—tough and dependable, easy to handle. If it's a stranger in your workshop, this will introduce you to a product that you shouldn't be missing

Once you get to know hardboard, you'll wonder why you waited so long to use it. Because in hardboard—a brown, sometimes grayish material that's usually glassy-smooth on one side—you'll find talents that make for a marvelous, all-around workshop performer.

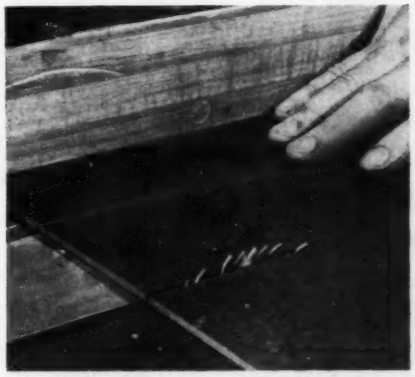
Like the best of the sheet materials, hardboard is versatile. Name the job and, chances are, hardboard can do it: wall paneling, counter tops, doors, drawer bottoms, floors, workbench tops, plus the full range of around-the-house projects that are the handyman's special province. Toss in qualities of dimensional stability, good rigidity, and high moisture resistance, and you have a woodworking product that stacks up with the best of them.

Important, too, you don't have to gird yourself for a bookful of new techniques. Working with hardboard is almost the same as working with any other sheet-form "wood." But because of its lack of grain, you have to nail or screw *through* hardboard *to* wood. Hardboard, itself, will not hold the nail or screw.

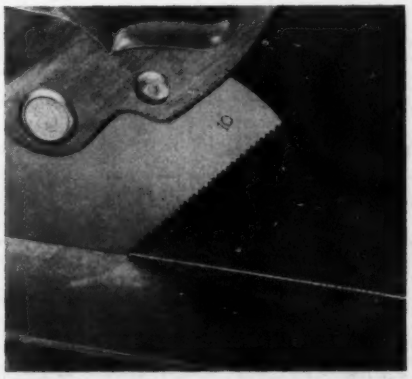
You can handle hardboard with regular woodworking tools



First thing you'll notice in working with hardboard is its dark surface which hides pencil marks. For marking purposes, you'll find it easier to use a colored pencil—even wax kind



Smoothest power-saw cut comes from low-set blade with just two or three teeth showing. Hold board down with flat of your hand, keeping hand from blade. Work with smooth side up



Fairly-fine-tooth saw (12 points to inch down to no fewer than 8) cuts best. Hold saw at a flat angle for easier and accurate cutting. Bend board slightly to overcome saw "buckle"

More on page 338

Attention CONTEST ENTRANTS!

More valuable prizes (hundreds of them) offered to winners by these Better Homes & Gardens advertisers*

These fine prizes will be awarded to winners in Better Homes & Gardens 1956 Home Improvement Contest. One entry form is all you need. Send in yours today!

• • • • • • •

The Aluminum Cooking Utensil Co., Inc.

All Division Winners will be presented with a four piece *Anniversary Set of Hallite by Wear-Ever*. The three *Best-of-Contest Winners* will win an additional *Hallite Sauce Pot Brazier* and *Tea Kettle*.

American Kitchens

Division of AVCO Manufacturing Corporation

Kitchen-Utility Division Winners will be refunded the full purchase price of *American Kitchen Roto-Tray Dishwasher, Stack-on-Oven, Counter-top Range* and all other *American Kitchen* products if used in the winning project.

American-Standard

Plumbing & Heating Division

Best-of-Contest Winners will receive a cash refund equal to the retail cost of *American-Standard Bathroom, Kitchen* or *Heating products* or any combination of these products used in their winning entry.

Andersen Corporation

Qualifying Winners in all Divisions who use *Andersen Windows* in their home improvement project will receive a refund of the retail cost of those *Andersen* products used.

The Autoyre Company

Kitchen-Utility Qualifying Winners will be awarded an *Autoyre Master Bath Set* of 6 matching *Lustre-Chrome* Accessories.

T. Baumritter Co., Inc.

American provincial furniture, Birchcraft casual modern furniture, Roomates furniture, Viko furniture or Restocrat reclining chairs in their winning living rooms, dining room, bedrooms, kitchens, rumpus rooms, or porches will receive the following prizes:

First Prize Winner (Best-of-Contest):
Full refund price of all *Baumritter* furniture mentioned above—purchased in 1956—for your entry plus a bonus of $50.00 in cash toward decoration and accessories for your room.

Second Prize Winner (Best-of-Contest):
Full refund price of all *Baumritter* furniture mentioned above—purchased in 1956—for your entry.

Third Prize Winner (Best-of-Contest):
Full refund price of all *Baumritter* furniture mentioned above—purchased in 1956—for your entry up to $250.00.

Winners must produce satisfactory evidence of their product purchase and the name of the dealer.

The Black & Decker Manufacturing Co.

All Division Winners will win a $50.00 certificate that can be turned in at any *Black & Decker* dealer on any *Black & Decker* merchandise.

Blue Ridge Glass

Libbey • Owens • Ford

Division Winners using *Blue Ridge Patterned Glass* in their winning home improvement project will receive a refund of the purchase price of the glass. Winners must show suitable evidence of purchase price and use of *Blue Ridge Patterned Glass*.

E. L. Bruce Company

All Division Winners will receive the refund price of any *Bruce Prefinished Floors* used in their home improvement project.

Bryant

Best-of-Contest Winners will receive a cash refund of the published retail price, either a *Bryant furnace* or *Bryant cooling unit* if used in their winning project. If both *Bryant cooling* and *heating units* are installed, winners will receive a refund of the purchase price on the cooling unit only. Installation costs are not included. Winners must show evidence of purchase in 1956.

Cabin Crafts, Incorporated

Interior-Division Winners who use any *Cabin Crafts-Needletuft Carpeting, Rugs* and/or *Bedspreads* in their project will receive a full refund price of those products used.

Cameo Curtains, Inc.

Qualifying Winners in all Divisions who use *Cameo Curtains* or *Draperies* in their winning project will be refunded the full purchase price by *Cameo Curtains, Inc.*

The Celotex Corporation

Best-of-Contest Winners will receive a cash refund of these *Celotex Building Products* if used in their winning entries—*interior finishes, rock wool insulation, hardboard, sheathing, siding, asphalt shingles, gypsum wallboard, lath, floor underlayment, backer board* and *Cemesto*.

Congoleum-Nairn Inc.

All Division Winners will receive a refund of the purchase price or merchandise equivalent of any *Congoleum-Nairn Gold Seal Floor* and/or *Wall products* used.

Crane Co.

Best-of-Contest Winners will receive a cash refund equal to the retail cost of any 1956 purchases of *Crane bathroom, kitchen,* or *heating* products if used in the winning entry.

Cribben & Sexton Company

Kitchen-Utility Division Winners whose winning project is a kitchen improvement and uses a 1956 *Universal Gas Range* will be refunded the product purchase price

Crosley and Bendix

Home Appliances Division
AVCO Manufacturing Corporation

Kitchen-Utility Division Winners will receive a refund of the purchase price of any *Crosley* or *Bendix* products used in their prizewinning entry. Suitable evidence must be shown of purchase and use of *Crosley* or *Bendix* Home Appliance products in their projects.

Delta Power Tool

Division of Rockwell Manufacturing Co.

Best-of-Contest and Division Winners will receive a refund up to $300 of the cost of *Delta Tools* bought in 1956 and used in building your winning entry. Sales slip will be sufficient proof of 1956 purchase

Detroit Controls

Contest winners will receive a cash refund equal to the retail cost of the *Ca-412 Classic Thermostat* when used in their winning entry.

DeWalt, Incorporated

Class "A" Division Winners in the Exterior, Interior, Kitchen-Utility Room Divisions who use 1956 DeWalt power tools in their winning projects will receive a refund of the product cost of the tools used. Winners must show suitable evidence of their *1956* purchase and use of DeWalt tools in their winning projects.

Edwards & Company, Inc.

Interior Qualifying and Division Winners will be presented with *Edwards Door Chimes*—Division Winners will receive a *Canterbury Chime* (C-62); Qualifying Winners will receive a choice of any one of these *Edwards Door Chimes, Bolero* (C-21 or C-20), *Minuet* (C-22 or C-23) or *Hideaway* (C-32).

Ekco Products Company

Best-of-Contest Winners will be presented with these *Ekco* stainless steel cooking utensils:
First Prize Winner—12-piece *Master Delux Flint-Ware* set.
Second Prize Winner—11-piece *Flint-Ware Homemaker's* set.
Third Prize Winner—9-piece *Flint-Ware Family* set.
Kitchen-Utility Division Winners will be presented with a 6-piece *Flint-Ware Starter* set.

Eljer

Division of Murray Corporation of America

Division Winners in the Interior, Addition and Kitchen-Utility Divisions who use *Eljer Fixtures* in their winning project will receive a refund of the product costs of those *Eljer products* used (installation costs excluded). Winners must show suitable evidence of purchase price and use of *Eljer* products in their winning entries.

The Formica Company

Kitchen-Utility Division Winners using *Beauty Bonded Formica* in their winning entry will receive an additional $500 in prize money.

Frigidaire Appliances

Best-of-Contest Awards

If you win *1st prize*, product costs will be refunded on any or all of the following 1956 *Frigidaire* products purchased: *refrigerators, ranges, food freezers, washer* and *dryer, dishwasher, room air conditioner* or *central air conditioner* up to 5 tons.

If you win *2nd prize*, product costs will be reimbursed on any or all of the 1956 *Frigidaire* appliances purchased mentioned above for first prize winners except *washer* and *dryer* or a *Frigidaire air conditioner* up to 3 tons.

If you win *3rd prize*, product costs will be reimbursed on any or all of the following 1956 *Frigidaire* products purchased: *refrigerator, range, washer,* or *dryer* or a *central air conditioner* up to 2 tons.

Kitchen-Utility Division

If you win one of the next four prizes in the *Kitchen-Utility Division*, product costs will be refunded on any 1956 *Frigidaire refrigerator* or *range* purchased or *both* prizes awarded only for entries in a single contest category. Only one prize awarded per winner. Winners must produce satisfactory evidence of their product purchase and cost.

Frigidaire Residential Air Conditioning

Best-of-Contest Awards

First prize winner will be refunded the product costs on *Frigidaire Central Air Conditioner* unit up to 5 tons purchased in 1956. Installation costs are excluded in refund price.

Second prize winner will be reimbursed on the product costs on *Frigidaire* products as mentioned above up to a 3-ton unit.

Third prize winner will receive full refund on the *Frigidaire Central Air Conditioner* as above, but cannot exceed a 2-ton unit.

Winners must provide satisfactory evidence of their product purchase and cost excluding installation

General Electric Company

Home Heating & Cooling Department

Qualifying Winners in the Interior Division will be awarded a 1956 *General Electric Electronic Air Cleaner* and $50.00 for installation (or the equivalent in cash) if *General Electric heating* and *air conditioning products* are used in their winning entries.

General Electric Co.

Appliance and Television Receiver Division

If you win any one of the four $500 prizes in the Kitchen-Utility Division and you have used a 1956 model G-E refrigerator, freezer, range, water heater, or dishwasher as part of your winning entry, the major appliance division of General Electric Co. will refund your actual purchase price. Please save your sales slip (installation costs are not included).

Georgia-Pacific Plywood Co.

Best-of-Contest Winners will receive a refund of the retail value if any of these *Georgia-Pacific Plywood* products are used in the winning entries—Georgia Pacific *Textured Wall Paneling;* Georgia Pacific *Striated Plywood;* Georgia Pacific *Hardwood Paneling* or *Savannah Oak Paneling;* or Georgia Pacific *Plastic-Faced Plywood*.

Goodyear Tire & Rubber Co.

All Division Winners who use any exterior masonry paint or concrete floor enamel made with *Pliolite* in their winning entry will be refunded full product purchase price (names of suppliers on request). Winners must show suitable evidence that paint used contains *Pliolite*.

Hamilton-Beach Company

Division of Scovill Manufacturing Co.

Best-of-Contest Winners

If you win one of the three *Best-of-Contest awards (1st, 2nd or 3rd prize)*, the *Hamilton Beach Company* will present you with a new *Hamilton Beach Food Mixer, Liqui-Blender, Home Drink Mixer*, and a "*Deep-Clean*" *Vacuum Cleaner*.

Division Winners.

If you are one of the 16 *Division Winners*, you will be presented with a *Hamilton Beach Liqui-Blender*.

Qualifying Winners

If you are one of the 128 *Qualifying Winners*, you will be presented with a new *Hamilton Beach Mixette*.

Hamilton Manufacturing Corporation

Kitchen-Utility Division Winners will be presented with a *Cosco Step Stool* (model 4-M) by the *Hamilton Manufacturing Corporation*.

The Hobart Manufacturing Co.

Kitchen-Utility Division Winners will receive a refund of the purchase price of a *Kitchenaid Dishwasher* if it is used in their winning remodeling project. Suitable evidence must be shown of purchase and use of *Kitchenaid Dishwasher* in their winning project.

Hunter-Douglas Corporation

Best-of-Contest Winners and/or *All Division Winners* will receive $500 cash allowances if any of the following *Flexalum* products are used in their home improvement projects—*Twi-Nighter Venetian Blinds, Flexalum Drum Draperies* and/or *Flexalum Aluminum Awnings*.

S. C. Johnson & Son—Beautiflor

Qualifying Winners will receive a complete *Beautiflor Waxing Kit* for cleaning and waxing floors. This kit includes a long-handled waxer, two buffing pads, a steel-wool cleaning pad and a pint of *Beautiflor*. *Division Winners* will receive, in addition to the prizes won in the qualifying round, a year's supply of *Beautiflor Liquid Cleaning Wax*. *The three Best-of-Contest Winners* will receive, in addition to the prizes already stated, a *Johnson Electric Polisher-Scrubber*.

Kimberly Clark Corporation

Marvalon—The Miracle Decorative Material

Qualifying Winners in the *Kitchen-Utility Division* will receive a cash refund equal to the retail cost of the *Marvalon Shelf Lining, Drawer Lining,* and *Adhesive Veneer* used in improvement projects.

The Kitchen Maid Corporation

Best-of-Contest Winners will receive a cash refund of the retail price of any *Kitchen Maid cabinets* used in their winning project. Winners must provide suitable evidence of purchase and cost.

Kohler Company

Plumbing Fixtures Division

Best-of-Contest Winners (first, second, and third prize) will receive a cash refund equal to the product cost (only) of complete sets of *Kohler Bathroom*, or *Powder Room*, or *Kitchen, Utility* or *Laundry Room Fixtures* with fittings used in the winning improvement projects.

Lennox Industries Inc.

Heating and Air Conditioning

To any of the 128 *Qualifying Winners* who have installed a *Lennox Heating* system during 1956, a central *Lennox Air Conditioning* unit will be awarded free. If both *Lennox Heating* and *Air Conditioning* have been installed by any one of the 128 Qualifying Winners during 1956, the cost for the air conditioning (equipment only) will be refunded.

Levolor Lorentzen, Inc.

Qualifying Winners in all Divisions who use *Levolor Venetian blinds* in their winning project will receive a refund of the product purchase price.

Magic Chef, Incorporated

Kitchen-Utility Division Winners will receive a refund of the full purchase price of any 1956 *Magic Chef Gas Range* used in their winning project. Suitable evidence of purchase and use must be shown.

Marsh Wall Products, Inc.

Division Winners in the *Interior, Addition,* and *Kitchen-Utility Divisions* will receive a refund equal to the purchase price of *Marlite Paneling* used in their winning entries.

Mueller Climatrol Heating and Air Conditioning

Best-of-Contest Winners will receive a cash refund equal to the retail cost (equipment only) of the *Mueller Climatrol Heating* and *Air Conditioning* unit they have installed in their homes, if installed during 1956. If both *Mueller Climatrol Heating* and *Air Conditioning* have been installed during 1956, the cost for air conditioning (equipment only) will be refunded.

National Chemical and Mfg. Co.

Qualifying Winners in all Divisions using *Luminall Paint* in their winning home improvement project will receive a refund of the purchase price of the *Luminall Paint* used.

Newcastle Products, Inc.

Qualifying Winners in the Interior, Additions and Kitchen-Utility Divisions will receive refund of the purchase price of any *Modernfold Doors* purchased in 1956 and used in their winning entries.

John Oster Manufacturing Co.

Addition Division Winners in Class "A" will receive a *Cummins Maxaw, No. 737, Portable Electric Saw.*
Kitchen-Utility Division Winners in Class "A" will receive a *Model No. 403 Chrome Deluxe Osterizer.*

Owens-Corning Fiberglas Corporation

Winners in any of the sixteen Divisions who use one or more of the seven listed *Fiberglas* materials will receive $100 for each *Fiberglas* product incorporated in their winning improvement. These products are: (1) *Reinforced Paneling*, (2) *Decorative Fabrics*, (3) *Screening*, (4) *Dust-Stop Air Filters*, (5) *Aerocor*, (6) *Building Insulation*, (7) Blowing Wool home insulation. The use of any of the above mentioned Fiberglas products in a mobile home constitutes eligibility for a $100 prize. If any of the 16 Division Winners has incorporated in his winning improvement an appliance, forced warm-air furnace or air-conditioner insulated with *Fiberglas*, he is eligible for a $100 award. Suitable evidence that *O-CF* products are used must be presented. Maximum potential award, $600 for each of the 16 Divisional Winners.

Libbey Division of Owens-Illinois

All Division Winners will be presented with three *Libbey 8-piece Royal Fern* sets (goblets, sherbets, and coolers) by *Libbey*.

Perma-Stone Company

Exterior Division Winners using *Perma-Stone* in their winning entry will receive a refund of the entire purchase price of the *Perma-Stone* installation.

Personal Products Corporation

Qualifying Winners in all Divisions will be presented with a *Jonny Mop* disposable toilet mop package containing 30 pads, china-white handle and dispenser by *Personal Products Corporation*.

The Reardon Company

All Division Winners who use either *Dramex Interior Finish, Ready Mixed Dramex, Bondex Cement Paint* or *Bondex Heavy Duty* in their winning entry will be refunded the full product purchase price. Winners must show suitable evidence of use of products mentioned.

The Regina Corporation

Interior-Division Winners will be presented with a *Regina Electrikbroom. Kitchen-Utility Division Winners* will be presented with a *Regina Twin-Brush Polisher* and *Scrubber*.

Republic Steel Kitchens

Division Winners in the *Kitchen-Utility Room Project Division* who use *Republic Steel Kitchen* products in their winning project will receive a refund of the product costs of those *Republic Steel Kitchen* products used. Winners must show suitable evidence of purchase price and use of *Republic Steel Kitchen* products in their winning entries.

Revco, Incorporated

First Prize Best-of-Contest Winner whose winning entry is a kitchen project that uses 1956 *Revco Bilt-in refrigerator and/or freezer* will receive a refund of the purchase price and installation of the *Revco* products used.
Kitchen-Utility Division Winners will receive a refund of the purchase price of 1956 *Revco Bilt-in refrigerator and/or freezer* used in their winning project.

Reynolds Metals Company

Qualifying Winners in all Divisions will receive a refund of the retail price of any *Reynolds Do-It-Yourself Aluminum* used in their winning home improvement project.

Richmond Radiator Company

Interior and Addition Division Winners will be refunded the purchase price of any *Richmond Plumbing Fixtures* used in a prizewinning bathroom modernization project.

Roddis Plywood Corporation

$500 in cash will be paid any *Division Winner* in the *Interiors, Additions*, or *Kitchen-Utility* categories if *Craftwall factory-finished paneling* is used, plus full purchase price of *Craftwall factory-finished* paneling will be refunded.
$1,000 in cash will be paid for *First Prize Winner* in "Best-of-Contest" category if *Craftwall factory-finished paneling* is used.
Any "*Best-of-Contest*" *Prize Winner* using *Craftwall factory-finished paneling* will receive a 5-day, all-expense-paid trip for two persons to America's vacationland in Northern Wisconsin, plus a trip through the modern *Roddiscraft* woodworking plant at Marshfield, Wisconsin, where *Craftwall factory-finished paneling* is manufactured.

Samuel Stamping & Enameling Co.

Kitchen-Utility Division Winners whose winning project is a kitchen improvement and uses a 1956 *Suburban electric or gas built-in range* (oven and/or cook-top) will be refunded the product purchase price.

A. O. Smith Corporation
Permaglas Division

Qualifying winners in the Interior, Additions, and Kitchen-Utility Divisions will receive a refund equal to the purchase price of a *Permaglas Water Heater* if purchased in 1956 and used in the winning entries.

Stanley Tools

Best-of-Contest Winner (1st Prize) will receive the "*Suburban*" set of 34 quality *Stanley Tools* in a handsome, knotty pine wall cabinet with Masonite pegboard back. Clips positioned on back to hold most of the carefully selected *Stanley Tools*.

The Tappan Stove Company

Division Winners in any of the four Classes who purchase a *Tappan Range* in 1956, will be refunded the full purchase price of that range.

Thermador Electrical Manufacturing Company
Division of Norris-Thermador Corporation

Kitchen-Utility Division Winner in *Class "A"* whose winning entry is a kitchen project and who used a 1956 electric *Thermador Bilt-In Range* will receive the following *Thermador* electric products—"*Masterpiece*" *Bilt-In Oven, Bilt-In Cook Top with Griddle* and electric *Thermador Bilt-In Warming Drawer*. Winners must show suitable evidence of purchase and use of a *Thermador Bilt-In Range* in their project.

Tilemaster Corporation

All Division Winners will be reimbursed for the cost of *Tilemaster plastic wall tile* products used in their winning entry plus *an equivalent amount in cash*. Winners must show suitable evidence that the products used were purchased in 1956.

Toro Manufacturing Corp.

First Prize Best-of-Contest Winner will receive a choice of either a *Toro Power Handle* and two implement attachments or a complete *Toro 10-inch Deluxe Tilt-Arbor Saw*. Selection of the implement attachments for the *Toro Power Handle* must be made from these *Toro* attachments—*20" Rotary Mower, 21" Reel Type Mower, Garden Tiller, Edger-Trimmer, 17" Snow Hound, Power Sprayer, Power Pump or Generator*.

Universal-Rundle Corporation

Interior and Addition Division Winners will receive a cash refund of the purchase price for any *Universal-Rundle Plumbing Fixtures* used in a winning entry.

U. S. Plywood Corporation

All Division Winners will be reimbursed for the cost of *U. S. Plywood Weldwood* products used in their winning entry, plus an equivalent amount in cash. Winners must show suitable evidence that products used are *Weldwood*.

Vornado Central Air Conditioning
The O. A. Sutton Corp.

First Prize Winners in the four classes of the *Interior Division* who have used *Vornado Central Air Conditioning units* in their prize winning entries will be refunded the product cost of the *Vornado* unit if purchased in 1956. Installation costs are excluded in refund price.

Whirlpool-Seeger Corporation

Kitchen-Utility Division Winners will receive a refund of the purchase price of any *RCA Whirlpool* laundry equipment used in their prizewinning entry. Suitable evidence must be shown of the purchase and use of *RCA Whirlpool Home Laundry Equipment* in their projects.

Where merchandise awards are offered, a validated sales slip or suitable evidence will be required.

It's easy to enter—just fill out the preliminary entry form on page 6 (or pick one up at your dealers) and send to Better Homes & Gardens.

Bathing your baby

Continued from page 222

Big enough to sit in the family tub, Bryan is held securely against slipping by a baby's bath seat which fastens to the bottom of the tub by firmly adhering suction cups. Strap of seat goes around his waist, is passed through slots in seat back and fastened at the back

New book for your baby's records

A complete, accurate account of your child's early years will become a priceless reference

Your baby's physical and mental growth, his childhood illnesses and immunizations, his first words, the special abilities he develops—there's a place to record all of them for his first 6 years in this new *Better Homes & Gardens* record book.

It was requested by many mothers who have used the record section of the *Better Homes & Gardens Baby Book* and need another record section for a new baby. The new book is printed from the original *Baby Book* plates, and is bound in its own sturdy, protective covers.

To order your record book postage paid from *Better Homes & Gardens*, send your check or money order for $1.50 to 7305 Meredith Building, Des Moines 3, Iowa.

Ann Usher

Director,
Better Homes & Gardens
Child Care and
Training Department

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Freshen-up your home with "beauty treatments" at the windows. That's where you get the *most* for your efforts—and your money! Look to Kirsch for smart, adaptable, *varied* window styling ideas. And depend on Kirsch drapery hardware to bring out the beauty of ANY carefully-planned window effect. The handsome and sturdy Kirsch "Empire" *Double* Traverse rod above, for example, makes possible many smart, useful effects. You pay no more to enjoy the "beauty-insurance" of unmatched Kirsch styling and world-famous Kirsch quality—so ask for Kirsch by name!

Guaranteed by Good Housekeeping

Kirsch

DRAPERY HARDWARE

Send for this Big "Style book" of Colorful Window Effects

Help yourself to more than 40 room pictures . . . 60 window effects . . . hints on fabrics, draperies, fixtures . . . and a unique color guide. "Window Inspirations" . . . only 50¢. At your dealer or write to Kirsch Company, 322 Prospect St., Sturgis, Michigan.

How to recognize carpet quality

Continued from page 188

Give your carpets proper care for longer wear

- Don't be alarmed if your new carpeting fluffs up and appears to be shedding. This is common to new carpets, will stop later.
- If you should accidentally snag one of the tufts, don't pull on it—cut it to the level of the other pile with scissors.
- A daily once-over, weekly thorough vacuuming, and a yearly cleaning keeps soil from wearing out your carpet, keeps colors bright, and discourages moths.
- Always remove spills and spots immediately. They're harder to get out later and may harm the rug pile. If you don't know what method to use, ask your local rug cleaner or the store where you bought the carpet.
- If you can, turn the carpet to distribute wear.
- Have a little extra carpet turned in on one or two of the stair risers so that you can shift the carpet up and down on the stairs as it starts to wear on the edges.
- Extra matching rugs to put over spots that get the most traffic will protect your carpet. However, they should be taken up often and moved slightly or the unsoiled section will look different than the rest.

Where to get it

You may often want to know where to buy a particular piece of merchandise that you see mentioned in the editorial articles of *Better Homes & Gardens.*

It is impossible to list in the magazine itself sources of each and every item mentioned or illustrated.

But we do have a Subscriber's Information Bureau whose job it is to tell you what you want to know about such things. They'll be happy to help you—without charge—if you'll just drop them a card or a letter at any time, about any item, in any issue.

Some things pictured are the individual possessions of homeowners and may have been bought or made years ago. Duplicates may not be available.

When you write, be sure you describe the item or items carefully, giving the page number and the issue in which you saw the merchandise. Please address:

THE SUBSCRIBER'S INFORMATION BUREAU
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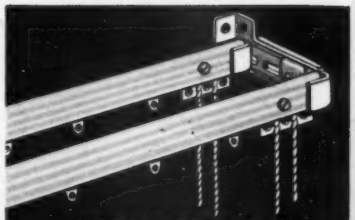


SELECT FROM A

Complete Line

OF DRAW DRAPERY RODS AND TRACK

Only Kirsch provides such a complete selection of drapery hardware . . . including deluxe cut-to-measure draw-cord equipment, for the finest "custom" installations.

Kirsch traverse rods and track are available in "one-way-draw" type, as well as the more usual "open-from-the-middle" two-way draw design.

Kirsch adjustable-length "Empire" combinations of plain rods with traverse (which can be installed with *either* rod outside) are carried in stock by most good Kirsch dealers. For ANY drapery hardware need . . .

CHOOSE THE NAME YOU KNOW...

Kirsch

Don't deny your child discipline

Begins on page 214

and without muttering, should be expected and required.

Have as few rules and give as few commands as you can. This avoids harassing your child every minute with do's and don'ts about things that are really not worth it.

If obedience is taught wisely and tactfully, but invariably and firmly enforced, it does not crush or permanently antagonize a child. This taught obedience is discipline, far different both in its nature and its effect on the child than submission extorted through mere fear of punishment.

Young Howard is reading a comic book when his mother calls to him to wash his hands for dinner. He absently grunts an assent and continues reading.

The family is called to the table, Mother's cheese souffle is brought from the kitchen, and Howard is still reading. A repeat call brings an "In a minute." The minute grows to three. Father steps into the picture, and a family scene is in the making.

This is no way to teach Howard either promptness, self-discipline, or respect for authority. Mother's first call should be enough to move Howard from his comic book to the bathroom promptly. If it does not, comic books should be banned to Howard for a day, a week, or however long is required to impress on him the necessity for obedience.

For the sake of her own welfare, little Susan's failure to hang up her clothes, as requested, should not be overlooked. Sitting passively in her room for an hour (or maybe only 15 minutes) every time she fails to carry out her parents' instructions (and generous praise and compliments when she does) will soon produce a Susan who fulfills her responsibilities promptly and with only a reasonable amount of complaining about them.

Bear in mind that it is not the *severity* of the punishment for rudeness, disobedience, or any misbehavior, that does the trick. To be constructive and effective, discipline must meet all three of the following criteria:

Punishment must be appropriate. Fifteen minutes sitting in the corner is hardly adequate for Phil's being two hours late returning from playing with Jack. On the other hand, the unreasonableness of making Dora spend all day Saturday in her room for forgetting to hang up her coat when she came home from school will probably do more harm than good in encouraging her to have the proper regard for her responsibilities.

Discipline must be understood. Naturally, a child must know for what he is being corrected before that correction can be effective. But true understanding goes deeper than mere association of cause and effect.

It takes parents' time and efforts to "talk through" behavior problems with a child. It is much easier merely to inflict a punishment or to think, "I'll just let it slide. He'll outgrow it." Neither of these substitutes for discipline, however, will contribute to your child's wholesome development.

Discipline must be never-failing. Shirley keeps right on playing when Mother calls her to come and dry the dishes. Upon being called a second time, she runs outdoors where she is not readily accessible.

About half of the times this occurs, she is made to come in and dry the dishes anyway. A fourth of the times she gets out of the job, but is punished. But on the remaining occasions Mother is so harried and busy that she does the dishes herself, fusses at Shirley a little (if she thinks about it) when she comes in, but takes no further action.

This is not teaching Shirley self-discipline or obedience. What it is teaching her is that, if she stalls and tries to avoid obeying, she gets off scot free some of the time, half of the time merely has finally to do what she would have had to do anyway, and only occasionally gets punished. Then perhaps the punishment is less unpleasant than obeying.

There is one last reason, but a vitally important one, why kind, yet firm, discipline is desirable in a child's development. A child living in a home atmosphere of affection and understanding, accompanied by a steadfast guidance and control, feels more secure and a greater sense of belonging than does one who is allowed to set himself apart from his parents by flouting rules and showing disrespect to them.

If your responsibilities in this regard frighten you, cheer up! It is amazing how many mistakes you can make and still rear a happy, well-adjusted child. The pathway of good parenthood is not a precarious tightrope to be balanced on. It is a broad sidewalk permitting weaving from one side to the other without coming to grief.

Spring song for mothers

We greet the spring with open arms,
Though not for all its floral charms.
It means our tykes, housebound all day,
Can now be sent outside to play!

—*Betty Isler*

CRA

The pacesetter in design sets the pace in color, too

If you take time to count, you'll see that Crane offers you seven beautiful colors (plus white). There's one to suit you, no matter what your taste or decorating scheme.

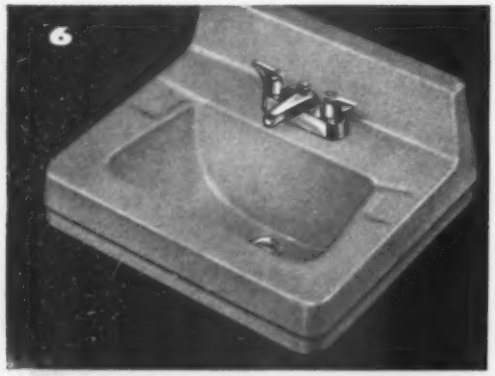
But color isn't all. Just look at the smart Dreyfuss styling. Whether your fancy runs to modern or traditional, to lavatories on sweeping counter-tops or on chromium legs, Crane has just exactly the bathroom fixtures you want.

And once you've decided on Crane quality and style, there's nothing to stop you. Because Crane suits your budget as well as it suits your taste. Actually costs no more than ordinary plumbing.

Why not visit your Crane Dealer and see the fixtures you like best "in person"?

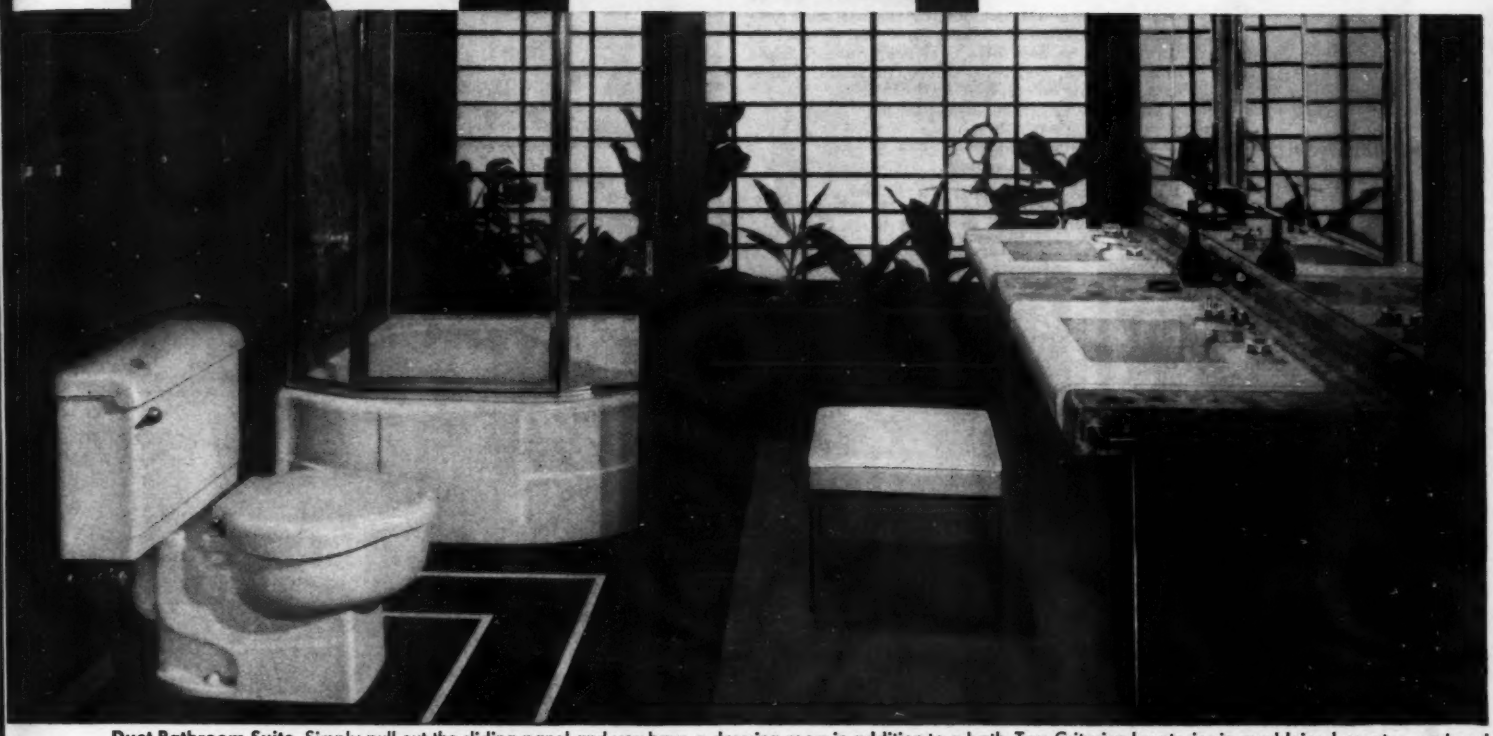
CRANE CO. 836 South Michigan Avenue, Chicago 5
VALVES • FITTINGS • PIPE • KITCHENS • PLUMBING • HEATING

Styled by Henry Dreyfuss. "We make every fixture pleasing to the eye," this famous designer states. "But in doing so, we keep in mind that beauty is one ingredient that doesn't have to cost extra."

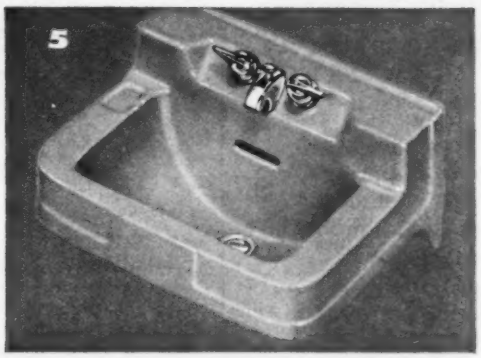


NEW

FOR DESIGN AND COLORS TO LIVE WITH



Duet Bathroom Suite. Simply pull out the sliding panel and you have a dressing room in addition to a bath. Two Criterion lavatories in marbleized counter, enclosed Neuvogue cast iron tub with shower, Criterion closet with new design contour seat.



All Crane lavatories are available in seven lustrous colors or white. Prices start as low as $31.55.*

1. **Criterion.** In Sky Blue. The very finest lavatory made. In color, $142.95.*
2. **Drexel.** Graceful china spout is molded into the beveled control panel. Shown in Citrus Yellow. Price, in color, $108.25.*
3. **Westland.** A smart modern counter-top lavatory needn't be expensive. In Sky Blue, as shown, or other Crane colors, $56.85.*
4. **Marcia.** Smart beveled control panel. Shown in Sun Tan. Price, in color, $109.85.*
5. **Oxford.** Attractive Shell Pink. Smart fittings. Recessed control panel. In white, $44.55.*
6. **Norwich.** Popular new design. In Shell Pink or any Crane color, $51.70.*
7. **Diana.** Semi-oval basin and large flat top area for toilet articles. Shown in French Grey. Price, in color, $140.15.*
8. **Countess.** Smart lavatory with large basin. Persian Red or any Crane color, $59.75.*
9. **Beverly.** In Pale Jade. Distinctive lines, beveled control panel. In color, $79.60.*
10. **Elayne.** Largest basin of all Crane counter-tops. Price, in white, $93.20.*

**Suggested consumer prices, ready to install. All fixtures available in white at lower cost.*

All lavatories are lustrous vitreous china. Controls feature Crane's exclusive easy-action Dial-ese—close *with* water pressure, not *against* it.

do it with

FYNAL-KOTE

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red cedar shingles and shakes

Here's a product that's especially formulated to beautify and preserve red cedar shingles and shakes. An extremely heavy-bodied linseed oil base finish coating, Fynal-Kote has twice the hiding power of ordinary shingle stain. Unlike house paint, it will not destroy the textured richness of shingles and shakes. Flows on. A cinch to apply. Can be used also over rough and finished lumber, brick, concrete, stucco, or stone. Comes in 22 exciting colors, too!

Sold through paint, hardware and building supply stores.

FREE! Fynal-Kote literature and color chart mailed on request.

RAINBOW SELECTION OF 22 MODERN COLORS

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Manufacturer of Shingles, Shakes and Shingle Coatings for over 40 years

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TOILET TANK BALL

Noisy running toilets can waste over 1000 gallons of water a day. The amazing patented Water Master tank ball instantly stops the flow of water after each flushing.

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At your hardware store
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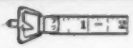

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SPECIAL HOOK-RING ATTACHMENT FOR EASY ONE-MAN MEASURING
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When you have the know-how, gardening is easy, economical, and lots of fun! And all the know-how you need is packed into the Better Homes & Gardens Garden Book.

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Lawn care, landscaping, vegetable and flower gardening — a complete book for better gardening around your home.

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Vagabond mobile home

VAGABOND COACH MFG. CO., Dept. 6, New Hudson, Mich.

If it's expert home advice you're after...

see the consultants at your nearest Home Planning Center, listed on page 263. The Centers are maintained for you, offering sound, moneysaving suggestions on building, remodeling, decorating, or furnishing a home. And remember, there's no charge for Home Planning Center help. You'll enjoy your visit.

Laundry tips . . .

to help you with spring clean-up

Glass-fiber curtains and draperies need "loving" wash care but can skip the ironing. Launder by hand (never in washer) with hot sudsy water. Do not rub, just squeeze suds through curtains till clean. (Before you start, remove jewelry to avoid snags.)

Rinse twice. Roll loosely in bath towel to remove excess moisture. Careful not to wring! Hang damp curtains back on rods to dry at the window. (Cover tip of rod before threading curtain.)

If crimps should occur, remove with fingertips. Curtains will dry in about 5 minutes. Important! Never iron or use clothespins, stretchers, starch, or bleach on glass-fiber curtains.

Nylon, Dacron, and Orlon curtains perk up this easy way. Shake out dust.

Wash by hand, or in mesh bag in washer if curtain instructions so direct.

Use warm water for colored curtains, medium for white; wash with soap and water conditioner or synthetic detergent; rinse in warm water.

To bring back crispness, dip in light starch solution. Do not wring or twist.

Blot in towel, dry over line or curtain rods. Smooth out wrinkles, shape hem and ruffles with fingers. If needed, touch up with warm iron.

IT'S HIGH TIME to get your home all spruced up for take-it-easy summer days. Here are some good ways to wash new man-made fiber curtains and comforters, cotton spreads, pillows. Use type of detergent recommended by washer manufacturer

Feather pillows—no need to fear tackling these yourself. First, make sure ticking has no tears or breaks. If weak, sew pillow into case.

To prevent the pillow from ballooning, rip seams one inch in opposite corners, poke in and pin, as in picture at left. Wash two pillows at a time.

Use hot water and soap and water conditioner, or synthetic detergent (low-sudsing if washer is front-loading).

Give short wash following washer directions, rinse, spin-dry. Then dry thoroughly at "warm" or "fine fabrics" setting for the dryer.

If line-drying, choose sunny day to wash pillows.

Photographs: Stanley

Dacron-filled comforter can be machine-washed satisfactorily. However, first check hang tag for washability.

Use lukewarm to warm water and all-purpose synthetic detergent, or soap and water conditioner. Wash 2 minutes.

Follow with rinses in same temperature water.

Dry in dryer at "medium" heat about 10 to 15 minutes.

If you don't have a dryer, remove comforter from washer before last spin; line-dry.

Tufted and chenille cotton spreads, mattress pads, and quilts behave nicely in automatic laundry helpers.

Use your favorite mild detergent and warm water; wash for 3 to 4 minutes—no more! Avoid long agitation or tumbling.

Count on your dryer to fluff up bedding, keep it looking like new. Set the dryer on high heat, and dry spreads, pads, quilts completely.

Also see "Jackpot of laundry tips," *Better Homes & Gardens*, April, page 96. Coming in June—laundry help for summer clothes

More on page 337

SCREENS on these windows ROLL UP AND DOWN!

Built-in ROLSCREENS, the original *inside* screens, roll up and down like window shades. DUAL GLAZING, the inside "storm" window, also stays in place year 'round . . . insulates against summer heat and winter cold. Just imagine! . . . never again need screens and "storms" be put up, taken down, painted or stored! A special swing-out hinge lets you wash the exterior glass from indoors. Also ideal for enclosing porches and remodeling. Comes completely factory-assembled . . . ready to install. Send 25c for helpful, 20 page LIBRARY OF WINDOW IDEAS. Distributors in U. S. and Canada.

Pella WOOD CASEMENT WINDOWS

MAIL COUPON TODAY

ROLSCREEN COMPANY, Dept. H-62, Pella, Iowa

Gentlemen: Please send me . . .

☐ Free literature on Pella Casement Windows.

☐ Helpful 20-page book, "Library of Window Ideas," for which I enclose 25c.

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By makers of famous PELLA WOOD FOLDING DOORS *and* MULTI-PURPOSE WINDOWS

You may WIN THIS GOULDS PUMP — absolutely FREE!

a pump a day GIVEN AWAY during MAY!

MAY is National Water Systems Month — and your Goulds Dealer is really celebrating! Not only can he show you the greatest pump values in Goulds history — he'll also tell you how you may win a famous Goulds Balanced-Flow Jet absolutely free!

Here's ALL you do . . .

1. Stop in at your Gould's Dealer during May 1956 — see a 1-minute demonstration of Balanced-Flow, the amazing NO-TANK pump.

2. Just sign your name and address on the entry blank he'll provide—and leave your blank with the dealer.

Nothing to buy . . . nothing to write except your name — and you may be one of the lucky winners. Contest closes May 31, 1956 . . . winners will be drawn and notified by registered mail on or before June 22, 1956. Contest not valid in those states, if any, where prohibited by law.

See your Goulds Dealer —

. . . enter the Pump-A-Day contest . . . see why You Get More with GOULDS! Or mail this coupon today . . .

GOULDS balanced-flow jet

The complete shallow-well water system that NEEDS NO TANK! Gives an instant flow of really fresh running water . . . adjusts itself automatically to deliver the exact flow wanted at one or more taps, within capacity. Trouble-free, quiet, only one moving part—can't lose its prime. Costs *less* to buy . . . *less* to install—yet out-performs bulkier, costlier pump-and-tank systems!

GOULDS Pumps, Inc.

Dept. B-556, Seneca Falls, N.Y.

Please send 20-page pump booklet and name of nearest distributor.

Name .....

Address .....

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You can't afford not to mulch

Mulches save time, save steps, and may even save your garden in the process. Unless you're eager to chop weeds, they're highly recommended. Now's a good time to see what they can do for you, and to make plans to get them in place before summer heat begins to take its toll.

When you mulch, you spread a protective blanket that smothers out weeds and keeps the soil loose and open.

Mulches hold onto moisture, too, and cut the need for watering to a minimum. In addition, the organic mulches (shown below) enrich your soil as they decompose. Mulching really has year-around benefits.

In recent years, inorganic mulches have been gaining in favor. These include such things as vermiculite, aluminum foil, building paper, flat stones—in fact, anything that will shade the soil and keep it cool.

Take your choice, then put one or more to work as your assistant gardener. If you don't have a source of mulch, a call to a local nursery will quickly locate one for you.

Before you mulch, cultivate lightly to kill weed seedlings, then apply a plant food.

Bacteria in soil will use much of the nitrogen already there when they decompose organic mulch. Although this is returned with interest when mulch disintegrates, temporary lack slows plant growth.

Ground corncobs are one of the best mulches for roses, make a big difference in growth. Cobs ground to ⅜- or ½-inch bits are inconspicuous.

Apply 1½ to 2 inches thick after plant food is spread over soil. Keep cobs an inch or so away from base to let air circulate around stems.

Grass clippings can be saved for mulching when needed. Spread them out to dry before using, then apply to a 2-inch depth.

Or use fresh clippings, if you wish, spreading no more than an inch to allow drying. Add more later to bring mulch up to 2-inch level.

Photographs: Stanley

Sawdust is an excellent mulch that does a good job of blotting out weeds. Coarse, well-aged sawdust is preferred but not necessary.

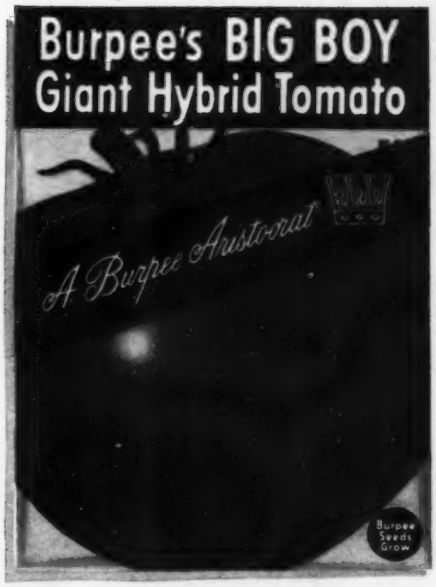
All sawdust requires added plant food. Give at least 1 extra feeding about 5 weeks after first. Mulch no more than an inch deep.

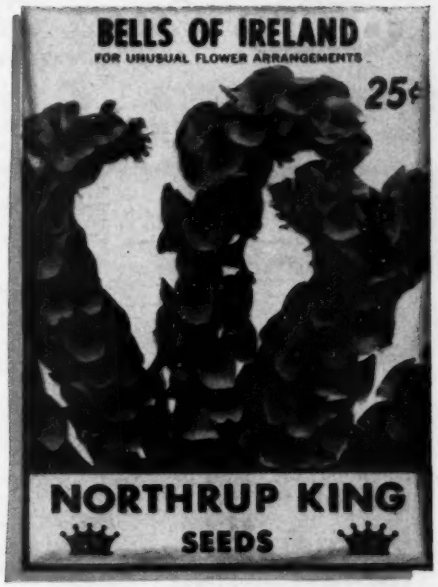
Peatmoss is neat and inconspicuous because of its light-brown soil color. Soak peat in a tub overnight before using. Apply 2 inches deep.

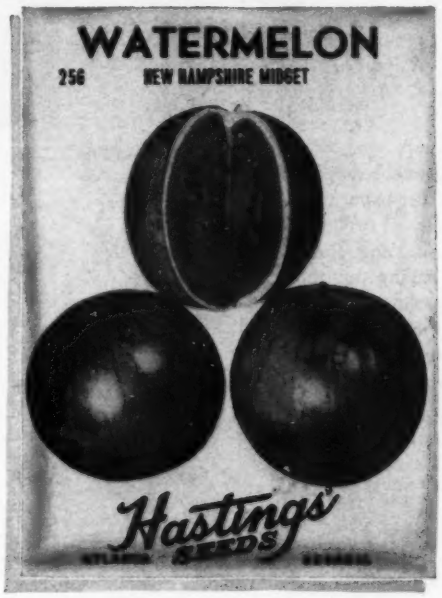
Peat is preferred mulch for azaleas, rhododendrons, and other acid-loving plants. It's also fine for mulching plant boxes and tubbed plants.

Pine needles provide clean, attractive mulch for shrubs and evergreens. They're easy to collect around the base of older trees.

Spread deeper than a fine mulch—even 3 or 4 inches is not too deep. Needles make a rather coarse, airy mulch but effectively smother weeds.







have fun!

...and here's the way to make 'em grow their best!

Instant VIGORO VIGORO

• This year, when you buy choice seeds like these, pick up a supply of Vigoro—America's No. 1 plant food! Then, even before you turn a spade, you'll be well on your way to the finest garden you ever had!

VIGORO—complete, balanced plant food. Provides every nutrient flowers and vegetables must get from soil for best development. Makes any garden soil rich like finest greenhouse soils. *Before planting seeds,* mix Vigoro well into soil—4 lbs. per 100 sq. ft. (For *lawns,* use long-lasting *Golden* Vigoro Lawn Food. Won't burn grass.)

Instant VIGORO—complete, water-soluble plant food. Just mix with water and apply as a liquid, feeding your plants as you water them. Provides quick, complete nourishment. Feeds thru leaves and roots. Ideal when transplanting seedlings.

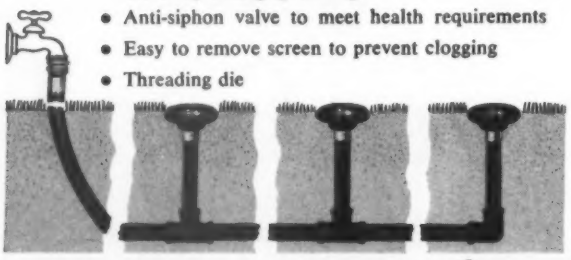
Vigoro is a registered trademark of Swift & Company. Copr. 1956 by Swift & Company.

YOU can install this permanent underground sprinkler system in one afternoon

Perma-Sprinkler bears the seal of approval of United States Testing Co., Inc.

No parched spots on your lawn—no missed corners—no haphazard watering with this easy to install underground sprinkler system. It is scientifically engineered according to turf experts to water every square foot of lawn without wasting water or draining pressure. Using an ordinary garden spade, a knife and some wooden stakes you can install it simply by (1) laying out the plastic pipe (2) cutting and threading it (3) assembling the pipe and fittings (4) burying the assembly 4 to 6 inches. Perma-Sprinkler won't freeze, rust, corrode or interfere with your lawn mower. The kit contains everything you need including:

- All plastic pipe and fittings for 1600 sq. ft. of lawn
- 7 sprinkler heads 21 circumference holes, 5 center holes and a double bump for shock resistance
- Half and quarter washers to prevent wetting driveway during sprinkling
- Anti-siphon valve to meet health requirements
- Easy to remove screen to prevent clogging
- Threading die



COMPLETE KIT COSTS ONLY $39.95

Incidentally, if you prefer to have the Quaker Perma-Sprinkler installed for you, let us know and we will put you in touch with someone who will do the job at reasonable cost.

H. K. Porter Company, Inc.
QUAKER RUBBER DIVISION
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Quaker Rubber Division
Dept. B, Philadelphia 24, Pa.

NAME _____

STREET _____

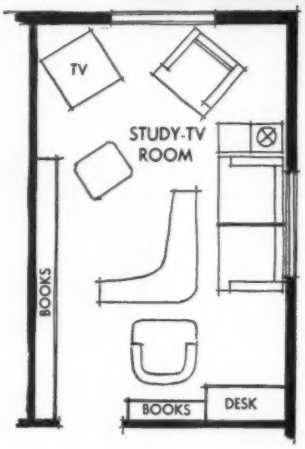
CITY _____ STATE _____

The small-room problem

Continued from page 278

You can use large-scale furniture

To keep a small room from looking cluttered, choose with care the patterns you use. It's best to use only one pattern, as is done in this room



Large-scale furnishings, carefully selected, make this 9x13-foot room workable. From the Frank Adams home, in Webster Groves, Missouri

Scenic wall covering "creates" space

The wallpaper mural seems to "push out" the wall behind the sofa bed in this study-guest room. Wall color is taken from wallpaper background. Here, too, only one pattern is used. The Jack Schaper home in Creve Coeur, Missouri

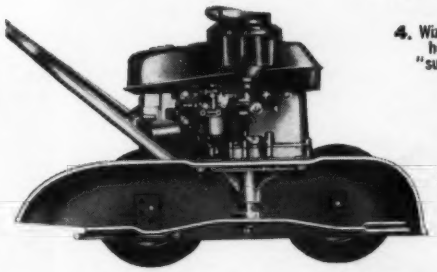
5 things to look for when you buy your new power mower:

WIZARD 18" Side Trim
Wizard's special ring enclosure and baffle assure fine clippings and even side distribution. *Leaf pulverizer included.*
4-cycle 1¾ h. p. **$73.50**
2-cycle 1.7 h. p. **$62.50**

1. Wizard's high ratio of h. p. to blade cuts through where many stall.

2. Wizard's exclusive Turbo-Dome literally "captures" the grass as you mow . . . shredding and chopping . . . then releases it evenly to your lawn.

3. Wizard's evenly spaced wheels prevent "scalping," trim closer.



4. Wizard's exclusive Turbo-Arched blade, hollow ground for superb cutting, "suction-lifts" even stubborn matted grass and neatly clips it into a smooth, clean lawn!

5. Safety features? Totally enclosed blade; all-steel base; float lock handle are yours when you choose Wizard!

Big yard? Terraces? Trees, walls, fences? Whatever your mowing need, there's a WIZARD designed for your lawn:

Popular 20" Front Trim WIZARD WARRIOR (Illus. above)
Wizard's specially designed base deflects all clippings down to the ground for greater safety.
4-cycle 2½ h. p. **$94.50** 2-cycle 2½ h. p. **$87.50**

Every Wizard Mower has an exclusive combination of features that add up to easier, safer, better mowing for you! *14 models to choose from* — large, small; front, side trimmers—2 or 4 cycle engines. Easy terms.

16½" Electric, ½ H.P. **$41.95**

17" Front Trimmer, 2-cycle **$53.95**

18" Front Trimmer, 4-cycle . . . . **$73.50** 2-cycle **$67.50**

20" Side Trimmer, 4-cycle . . . . **$94.50** 2-cycle . . . **$87.50**

4-cycle Reel-Type, 18" Self Prop. **$84.95** 21" Self Prop. **$119.95**

20" Self Propelled, 4-cycle **$129.95**

24" Riding Mower 4-cycle . . . . **$229.95** (Western Price) $249.95

Wizard AMERICA'S FINEST LINE OF QUALITY POWER MOWERS

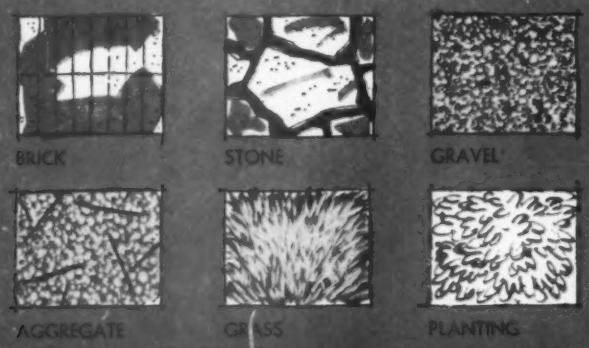
Sold Nationally By

Western Auto
STORES & ASSOCIATE STORES

NOTE: In some areas of the U. S., Hawaii, Alaska and Mexico, prices slightly higher. Western Auto Associate Dealers own their stores, set their own prices, terms and conditions. (856)

You suit yourself with this garden plan

All data: Douglas Baylis, Landscape Architect



Choice of materials for filling single units or groups is wide and exhilarating because with this system you can expand or contract any portion as time, means, and your fancy decide. Meantime, the regularity of the units maintains a neat, well-kept look

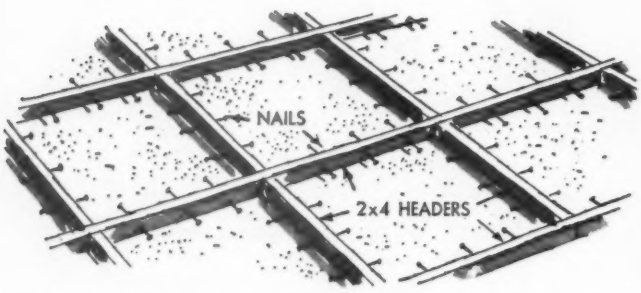
What is known as the grid system for planning gardens is remarkably elastic. It starts, as your house does, with well-thought-out framing. After that, you furnish it as you please. Once you have done your basic planning, you can plant as quickly or slowly as you like.

The grid name comes from the modules, usually 3-foot squares, into which you mark off your space, first on paper and many of them later right on the soil.

You handle these units singly or in groups. It's easy to change your mind—now or later.

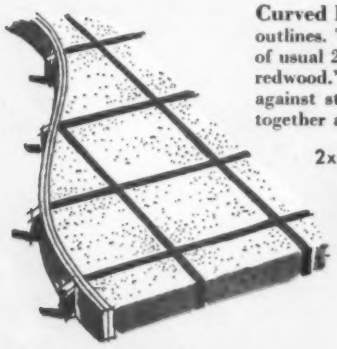
You can have paving, groundcovers, such features as a pool, sandpile, fire pit, flower beds and borders. The result can be casual or geometric.

Construction details are as shown here. They produced the garden, page 74, "Picture-pretty in six weeks."

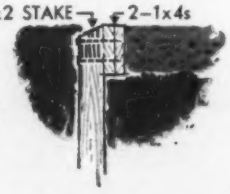


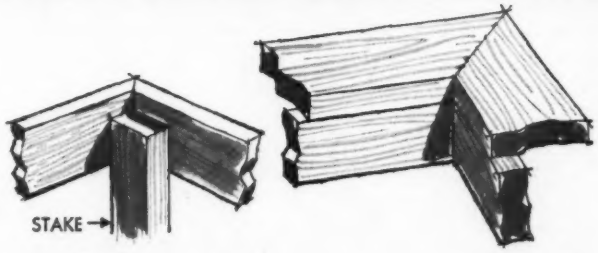
2x4s form 3-foot modules. Measure carefully. Grid is formed by these headers of 2x4s on edge fitted to 3 feet on centers. In places you will use multiples of 3, as 3x6, 6x6, or 6x9. If paving, expose nail every 12 inches to anchor wood grid to the concrete

To change levels, you need wider lumber and an extra-good job of staking. Do this to form steps, raised beds or borders, and to change levels of paved area. Use 2x10s, 2x12s or two narrow strips. Have lower edge of header below the adjoining surface



Curved headers permit sweeping outlines. To form, use 1x4s instead of usual 2x4 of "construction heart redwood." Bend, one at a time, against stakes as shown, then nail together and to headers and stakes

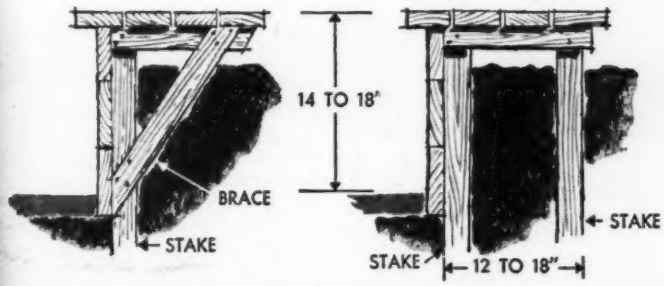




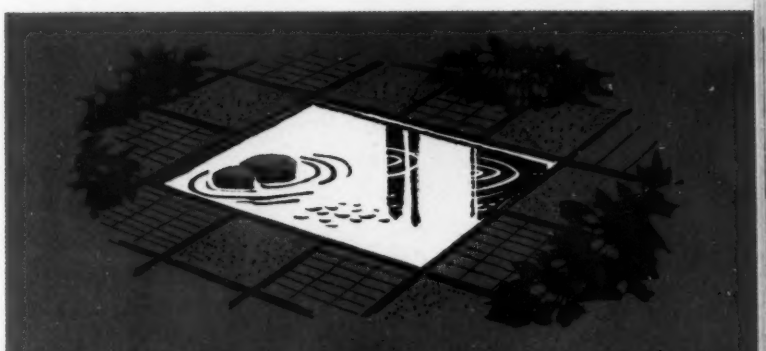
Reinforce and miter corners. Beginners can do it, but good workmanship and attention to solidity of grid and to a tight fit at all corners is what makes the job. Where possible, set corner stakes in concrete and use only aluminum or galvanized nails

You can gain effects quickly with this grid plan and change them easily to suit current needs of family

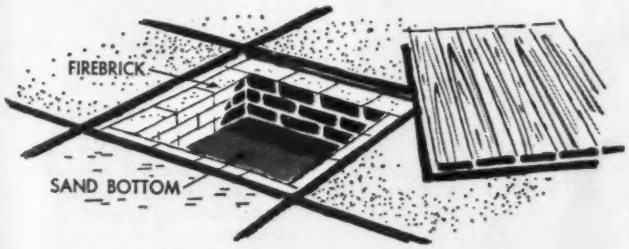
Raised beds are especially useful while children are small. At any time, they give a bigger effect from fewer flowers than level beds do. 3x9 sandpile unit is easy to convert later to plants



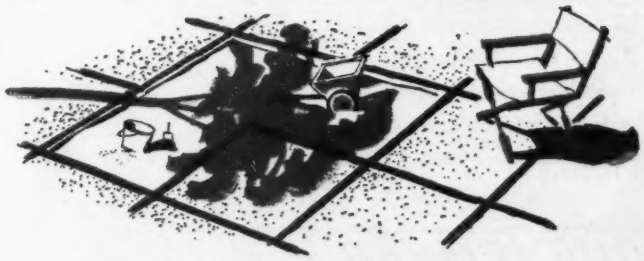
Add a cap to form seat. This is getting something practically for free. Raised header not only looks better when capped but gives you extra seating without clutter. Waterproof your wood stain. Attach brace where header butts against stone or concrete



A pool for fish or for wading is easy to fit into your plan. Line excavation with waterproofed brick, concrete, sheet lead, or heavy aluminum. By painting sides and bottom black, you will get mirrorlike reflections equal to those from deep water—a good trick



Build fire pit for outdoor fun. This can be done at any time. First, dig soil from inside headers to 8 inches. Face sides with firebrick laid up with fire clay. For looks, cover bottom with sand. Build wooden cover to fill opening between times you cook there



Sand for the youngsters is easily accommodated even where you've paved most of your terrace. Three units, joined this fashion, form a workable area where two will be playing. No job to keep neat or to pave later when sand pile is no longer wanted

TRUE TEMPER.
Garden News

THESE MAKE TRIMMING HEDGES ALMOST FUN

Imagine. Hedge trimming no longer need be a backbreaking, arm-tiring chore. In fact, the light weight, perfect balance and comfortable feel of True Temper ROCKET Shears make trimming so fast, so effortless, it's almost fun. Hedges look better, too.

Rubber bumper, rubber-fiber grips and hollow-steel shafts soak up shock. Hands won't slip, either, wet or dry, bare or gloved.

ROCKET construction, famous for strength, assures longer life. See these handsome True Temper Shears (No. AT85) at leading hardware and garden supply stores. About $7.95.

TRUE TEMPER.

Finest quality in Garden, lawn and farm tools • Shovels • Shears • Hammers, axes, hatchets • Fishing tackle • Golf-club shafts

The diary of a

Plain dirt gardener®

By Harry R. O'Brien

Found the first rose of the season and carried it to Maggie as proudly as if it had been a big gold nugget

May 1 "Thank you kindly; thank you kindly," some bird over in the bushes was singing as I went forth to get the morning paper.

News for the day is that Mr. David stayed home for a little while. So he and I together worked hard and fast.

First chore was to get out the new rotary mower that I bought last week to see if it would help cut the grass in divers parts of the back paths which I didn't keep mowed last summer.

Bless my soul, it was a miracle, the way that rotary blade sliced off the tall grass, the dead grass matted on the ground, and some weeds that had come up.

Then David got out our tiller and cultivated two beds, one for annuals and another for mums. Meanwhile I raked up weeds I had hoed out of the rose bed.

May 3 "Come on out and plant your Heavenly Blue morning-glory seeds," says I to Maggie as I was ready to sally forth.

"I'm too tired," says Maggie. "Just look at the dining room. I've worked all day getting up the new draperies. You plant the seed for me."

So I looked—and sure enough, those draperies were all up and mighty snazzy too. So I planted the seeds.

May 4 After I sharpened my two-pronged weeding hoe, did labor with vim and vigor, hoeing the weeds out of my new lily bed, the strawberry bed, and the early vegetable bed.

May 5 Donald and Gary stopped in just now with some big news. He has found four dogwood trees in bloom in the ravine beside his new house. They have big white blooms on them right now, he says. He has also set out the two small shade trees I gave him the other day for his back lawn.

May 6 For a week I've been waiting for an evening when the wind wasn't blowing. This was it. So I hurried up and dusted the roses.

As I worked, I called to Maggie to come and watch. You see, I was using my new midget duster which works like a charm. I hold it in one hand. Just work a little handle with the other. Out comes a stream of dust.

My hope is that Maggie will be so charmed with this little gadget that she will want to take over the dusting.

May 8 Another miracle: David was outdoors ahead of me, today, and bless my soul if he didn't mow half of the lawn with our new rotary mower.

Maggie and I were over to Donald's for a bit tonight. Janet had a big bouquet of white dogwood blooms on the piano. Donald walked me around the place to show me the dogwood trees.

In his garage I saw my old garden tractor—he is trying to get it in shape to work in his garden space.

My hope is that Maggie will be so charmed with the new midget duster that she will want to take over the dusting—or at least give in to small pressure

May 15 Found the first rose of the season and carried it to Maggie, as proudly as if it had been a big gold nugget. I forgot to check the variety but mebbe it is Golden Dawn.

May 16 First chore was to gather a bunch of Cherry Belle radishes for supper. Then dug weeds from back rose bed with a trowel. This resulted in a barrowful of weeds for the compost pile and a backache for me to carry indoors.

May 17 My new planting of lilies, mainly newer hybrids, put in last fall, is coming along. Tops full of healthy buds. So tonight I gave the soil around them a mulch of peatmoss that had some sand in it. Good for lilies and helps keep down weeds.

Otherwise, I put in a useful evening at various chores. One was to dust the early potatoes with a mixture of DDT and fixed copper, for the little black flea beetles are eating holes in the leaves.

May 18 Oh dear—a bit of frost this morning though not much real damage was done. Some strawberry blossoms were killed, as I can see by the blackened centers.

There was a shipment of perennials in the mail today. This included some of those Bird Series mums. Another little box had some of the Star Series of mums. I planted these in that bed David had prepared.

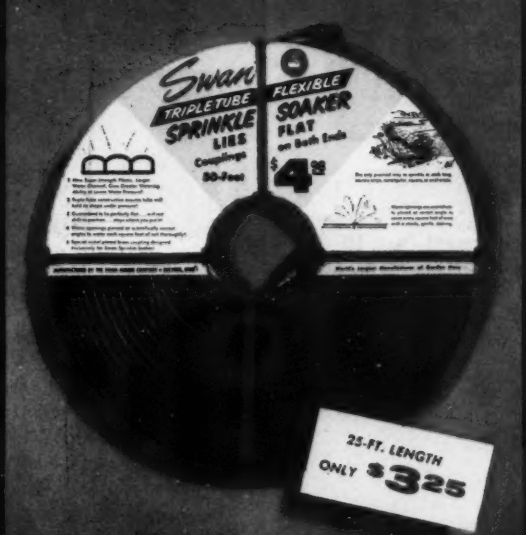
May 19 As I worked tonight, Janet drove in with the grandkiddies. While Maggie looked after Gary and Danny in the house, Janet went over our asparagus bed to cut a basket of it for her home freezer.

As she finished, I pulled a mess of red radishes for her and hurried back to my rose beds. Then my conscience smote me.

The idea—giving her just radishes. So I hurried and cut some buds of Vogue and Irene of Denmark. Had to run hard to get to Janet before she drove away. I was winded, but I felt better.

May 21 Tonight, did put on my Sunday duds and go to a dinner of garden folks. Maggie couldn't go—

[*Turn to page 325*



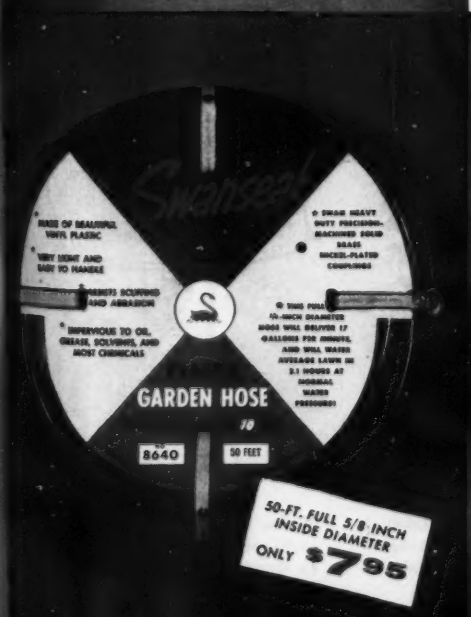
EACH YEAR MORE AMERICANS BUY Swan GARDEN HOSE!

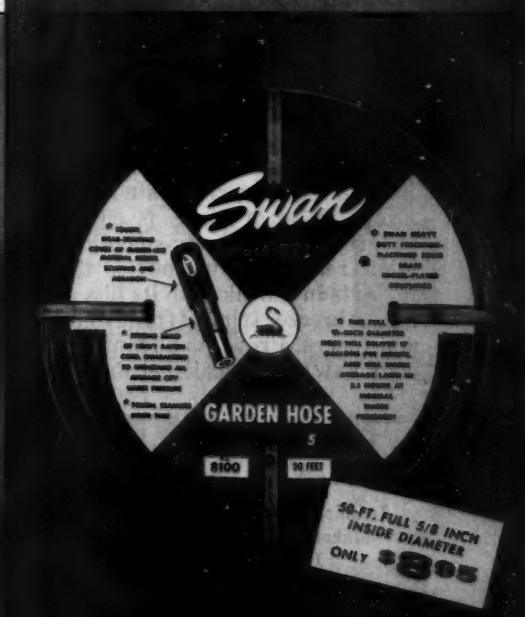
Swan again offers American Home Owners a complete variety of types, sizes and colors in both plastic and reinforced rubber garden hose.

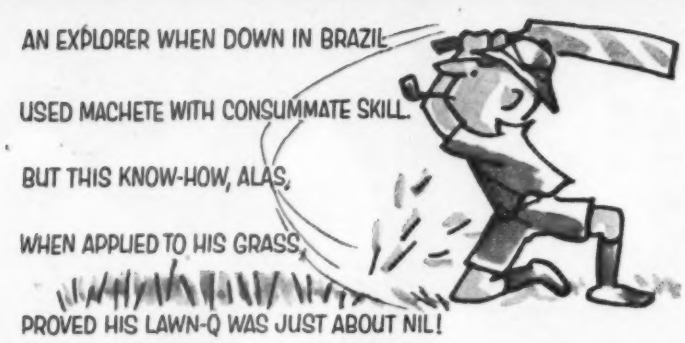
Swan beauty and quality over the years have become the accepted garden hose standard of the world—result, Swan is the largest, most modern hose manufacturer on earth!

Your local Hardware Merchant will gladly help you select the correct size and type Swan hose, or Lawn Sprinkler best suited to your needs. See him today!

SWAN RUBBER COMPANY • BUCYRUS, O.
World's Largest Manufacturer of Garden Hose







LAWN-BOY level cut leaves your lawn smooth as a carpet

No waves, no tall lonely wisps, no passed-over whiskers spoil your lawn when you use this modern power mower. Exclusive LAWN-BOY engineering features prevent "scalping" on terraces, eliminate ripples where ground is rough. Every blade of grass is cut at uniform height—every square foot is velvety-smooth! For these and a score of other reasons, LAWN-BOY is the power mower for you: it starts in a wink with its big, easy recoil starter, handles like a breeze, trims (front and side) within ⅜" of trees and fences. Prove its advantages on your own lawn—ask your LAWN-BOY dealer about the FREE HOME TRIAL!

LAWN-BOY

Lamar, Missouri • Division of Outboard, Marine & Mfg. Co.
Makers of *Johnson* and *Evinrude* Outboard Motors
In Canada: LAWN-BOY, Peterborough, Ontario

Now's the

Central and East **Trees and shrubs:** Deep-feed shade trees, and water if spring is dry to carry food to the roots. . . . Feed your roses with a new long-lasting rose food or a standard rose food if not done earlier. . . . Keep a thin film of pesticide on plant surfaces to keep aphids and blackspot under control.

Annuals and perennials: Spray peony buds with captan, ferbam, or other good fungicide in the northern tier of states to prevent botrytis bud blast. In areas where shoots may be breaking through the soil, wet both soil and shoots with spray. . . . Sprinkle chlordane dust in a ring around base of peony plant to control ants. Place supports around peony plants before they are full grown. . . . Spray iris plants every 7 days until buds mature. Use DDT or a special iris border spray containing a spreader-sticker agent to foil iris borers. Watery streaks on leaves indicate young borers are working.

Lawns: Apply the first crabgrass chemical spray on lawns along the Ohio River the first of the month and about mid-May in the Great Lakes region. . . . Use 2,4-D on dandelion-infested lawns while the weeds are growing fast. . . . Keep lawns mowed regularly at a height of 1½ inches to help maintain a thick turf. . . . Start to cut newly seeded lawns as soon as grass seedlings are about 2 inches tall.

Vegetables and fruits: Wait until Decoration Day to set out tomato plants along the New York, Cleveland, and Chicago line. Further south, set them out a week earlier; further north, a week later. . . . Keep down weeds around strawberry plants, asparagus, and other permanent plants by spraying soil with a pre-emergence weed control.

California **Trees and shrubs:** In northern California, finish planting evergreens as soon as possible. Concentrate on potted plants in the South. Think of the water-supply problem before setting out new plants. . . . In the low-elevation desert areas of southern California, finish planting of Arizona cypress, date palm, eucalyptus, fig, and other trees recommended by local nurseries. . . . Thin out

For all areas—jobs to remember . . .

Dust or spray flowering plants as often as necessary to keep them coated with pesticide film

Water shrubs and trees set out earlier this spring every 2 weeks, to supplement natural supplies

time to...

branches of dense trees to allow more light to reach plants under their shade.

Annuals, perennials, bulbs: Buy tuberous begonias in flats, and plant them in filtered shade. . . . Sow seed of moonflowers, gourds, or morning glories where a quick cover or screen is needed. . . . In the Sacramento and San Joaquin valleys, sow seeds of zinnias, petunias, marigolds, and dwarf dahlias.

Vegetables and fruits: Set out early tomato plants around the San Francisco Bay area. . . . Start to dust grapevines with sulfur in central and northern sections. . . . Sow seed of lima beans, cucumbers, and other warm-weather vegetables.

House plants: Summer your house plants under a tree or on the north side of a wall out of direct sun. . . . Let cactus cuttings dry several days before sticking them in sand for rooting.

Planning ahead: Plant mums in pots, tubs, or boxes so you can move them to wherever color is needed when they bloom.

Pacific Northwest **Trees and shrubs:** Water rhododendrons heavily while they are in bloom. . . . Prune narrow-leaved evergreens to shape as they start into active growth. Cut pine "candles" back before the needles are developed, to get more compact growth. . . . Cut back abelia, mahonia, photinia, and other broadleaf evergreens that make energetic growth to prevent a scraggly appearance. Use photinia cuttings in your flower arrangements. . . . Spray hollies as soon as the first new leaves are about half grown to control the leaf miner. Use malathion or arsenate of lead with a spreader-sticker. Repeat the spray in 2 weeks. . . . Plant camellias, azaleas, magnolias, rhododendrons, and other broadleaf evergreens.

Annuals, perennials, bulbs: In the Spokane area, set out annual flowers, foliage plants, and other bedding plants by Decoration Day. . . . Sow seed of foxglove, aquilegia, hollyhock, cynoglossum, and other biennial [*Turn to page 351*

and basic improvements to make

Continue to set out perennials to expand your flower border or to accent foundation plantings

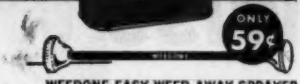
Spruce up outdoor furniture by checking for splinters and weak joints, and applying fresh paint

World's Largest-Selling Weed Killer

WEEDONE®

FIRST with the kill that LASTS

For deep-down permanent weed killing, get the weed killer that pioneered the field. It costs no more!



WEEDONE EASY WEED-AWAY SPRAYER
Fits any standard gal. or ½-gal. jug

Weedone—first, and still the best-known name in selective chemical weed-killers—has many vital pluses. Not least is the fact that Weedone's kill is sure, fast and *lasting*—even on hard-to-kill "problem" weeds. That's because of Weedone's deep, penetrating action.

Starting with the leaf, Weedone is absorbed into every part of the plant, down to the tip of the tiniest rootlet. No part of the weed can resist it. Hence, no part remains alive to regrow. With Weedone, you kill weeds *dead*—and they *stay dead!*

You can entrust the beauty care of your lawn to Weedone with extra confidence. Let it show you—and your neighbors—a lawn that's smoother, thicker, really carpetlike. Banish those weeds all season long. Just spray them away with Weedone—*First* with the kill that *Lasts*.

8-oz. can $1 1-qt. can $2.75 1-gal. can $6.75

Make sure you buy WEEDONE—it has:

. . . the wonder-working chemicals—the butoxy ethanol esters of 2,4-D and 2,4,5-T

. . . the power to kill over 100 weeds and woody plants, including dandelions, plantains, poison ivy, poison oak, and brambles

. . . nothing to injure the grass

. . . no vapors to injure nearby "friendly" plants

. . . nothing to harm people or pets

Knock out your lawn's worst enemy with
WEEDONE CRAB GRASS KILLER containing **SODAR**

Now—rid your lawn of ugly sprawling crab grass. This is the most effective chemical yet developed for the control of crab grass. Contains the powerful new discovery Sodar (disodium methylarsonate). Kills quickly, surely and permanently. No more grubbing. Say good-bye to crab grass for good. Application is easy. Follow simple directions on can.

4-oz. can $1.25 12-oz. can $2.75 2-lb. can $6.75 6-lb. can $18.50

Plagued with Poison Ivy . . . Poison Oak?
ACP POISON IVY and POISON OAK KILLERS containing **AMIZOL**

These wonderful new herbicides, containing ACP's exclusive chemical formula Amizol, are sudden death to *both*. They are true specifics for these weed pests.

8-oz. canister $1.25 24-oz. canister $3.35

Wonder what's "infecting" your flowers, vegetables and fruits?
Spray them with the great new **ACP GARDEN DOCTOR**

No need to diagnose the trouble. This wonder-working new product acts like a garden "penicillin"—controls practically all common diseases and insects on flowers, vegetables, fruits.

8-oz. canister $1.49 1-lb. canister $2.69 2½-lb. canister $8.45

At Garden Supply and Hardware Stores

AMERICAN CHEMICAL PAINT CO., Ambler, Pa. • Niles, Calif.

WEEDONE ACP WEEDONE

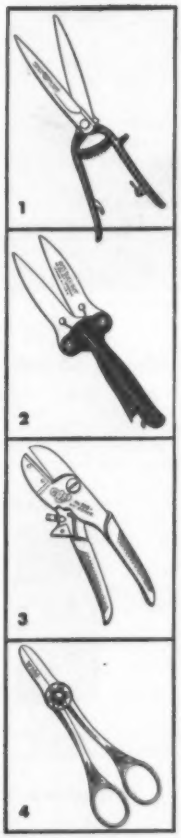
Pioneers in Chemical Gardening Aids • Originators of 2,4-D and 2,4,5-T Weed Killers

P.S. Ask your dealer for free copy of the fascinating booklet "Guide to Better Lawns and Gardens."

less work... more fun...
for the whole family with

WISS garden shears

Gardening has become a family affair with Wiss garden tools! Dad trims the hedges. Mother clips the rose bushes with light-weight pruning shears (Wiss-designed just for the ladies). Small fry snip borders with Wiss grass shears. They all enjoy gardening the Wiss-way—it's so quick, so easy and such fun for all!



1. Wiss 5600 Grass Shears — The king of grass shears and professional favorite. The only shears that cut certain types of tough, wiry grass satisfactorily. No. 5600, $2.95

2. Wiss 801 Grass Shears—Light and easy to use, positive action, comfortable grip. No. 801, $1.95. Long Handle Grass Shears—No bend, no stoop. No. 900, $4.25

3. Wiss Hy-Power Pruning Shears — The easiest cutting and most powerful pruners made. Choice of professional gardeners and fruit growers. No. 908, $2.95. Smaller size No. 906, $2.50

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Prices slightly higher Denver and West

For authoritative 42-page, illustrated "How To Prune" booklet, send 25¢ to Dept. A05.

J. WISS & SONS, NEWARK 7, N. J.

Manufacturers of Shears, Scissors, Pinking Shears, Metal Cutting Snips and Garden Shears

A new house—and it's 50 years old

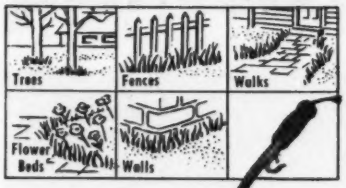
Begins on page 232

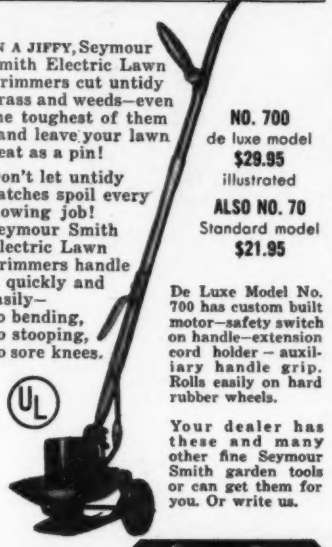
At rear, old porch was saved to become breakfast room. Addition ties in as though it were always a part of the house. Gable end here gets same treatments as that in front; it's painted white to bring house down to scale. The family room has its own entrance (right)

Family now breakfasts where view and light are good—in the old porch Lalleys converted themselves. Windows are the same, but walls were newly paneled and the floors resurfaced with resilient tile. The kitchen is close by for easy serving of meals (see plan)

Before, the living room was visually cramped by partition that stood between it and entrance hall. Ripping out wall also means kitchen and living room come in closer touch. With front porch gone, there's better light through two new windows. New mantel, built-in shelves, and storage cabinets make fireplace wall focal point of room

Trims the places your mower always misses!





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Don't let untidy patches spoil every mowing job! Seymour Smith Electric Lawn Trimmers handle it quickly and easily—no bending, no stooping, no sore knees.

NO. 700
de luxe model
$29.95
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ALSO NO. 70
Standard model
$21.95

De Luxe Model No. 700 has custom built motor—safety switch on handle—extension cord holder – auxiliary handle grip. Rolls easily on hard rubber wheels.

Your dealer has these and many other fine Seymour Smith garden tools or can get them for you. Or write us.

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STOP BUGS, WEEDS

ROOT-LOWELL
DUSTERS-SPRAYERS
OVER 100 MILLION SOLD!
• So easy to pump
• So easy to use
SEE YOUR DEALER

The diary of a plain dirt gardener

Begins on page 320

As I finished, a hard rain caught me. I put my garden notebook inside my shirt and ran for the toolshed

because she had two teeth pulled yesterday and could eat nothing but soup.

Well sir, after the meeting, the folks in charge gave me one of the vases of table decorations to take home to Maggie. It was an arrangement of Harvest Moon carnations—sorta apricot pink.

May 24 What is a home garden in the summertime without having some glads and dahlias in it?

First job was to plant glads carried through from last winter, plus a collection of newer varieties I had bought, then I wound up with a dozen Spic and Span. They made three rows across the vegetable patch.

As I finished, a hard rain came up and caught me. I put my garden notebook inside my shirt and ran for the toolshed. Then I dashed for the house and got sopping wet.

May 27 Went home by way of Donald's new place tonight. Janet showed me their garden patch. Donald has discovered he has other native plants besides trees. There is a big colony of wild morning glories right in the middle of where he is making his garden. Also noted, privately, that his front lawn needs mowing.

May 31 Just as supper was over, I looked outside at the trees. There was no breeze. So ran for the dust gun and dusted the roses again. This makes the fourth time this month, and Maggie hasn't dusted yet.

Otherwise, I have just about finished Operation Cleanup in getting weeds out of the rose bed. Between times, I put out some lima beans.

Note: The American Rose Society will hold its annual spring meeting in Portland, Oregon, June 6-8.

It's light! It's bright! It lives outside!

A COMPLETELY NEW KIND OF GARDEN HOSE

Take a tip from this relaxin' gal. Try this *new-type* rubber garden hose. It's so flexible it spins right off the reel . . . so light it follows you round the yard with a casual tug.

Forget about reeling up this hose every time you use it. It *thrives* on outdoor living . . . takes sunlight, weathering and rain without a crack. There's never any danger of too much pressure. Shut off the hose at the nozzle and answer that phone—this hose won't swell or burst.

It's the rugged *neoprene* cover combined with strong rayon-cord reinforcement that gives this hose its long outdoor life. Remember the name *neoprene* when you ask your hardware supplier for garden hose. You'll see and feel the difference when you use it!

NEOPRENE
The rubber made by Du Pont since 1932

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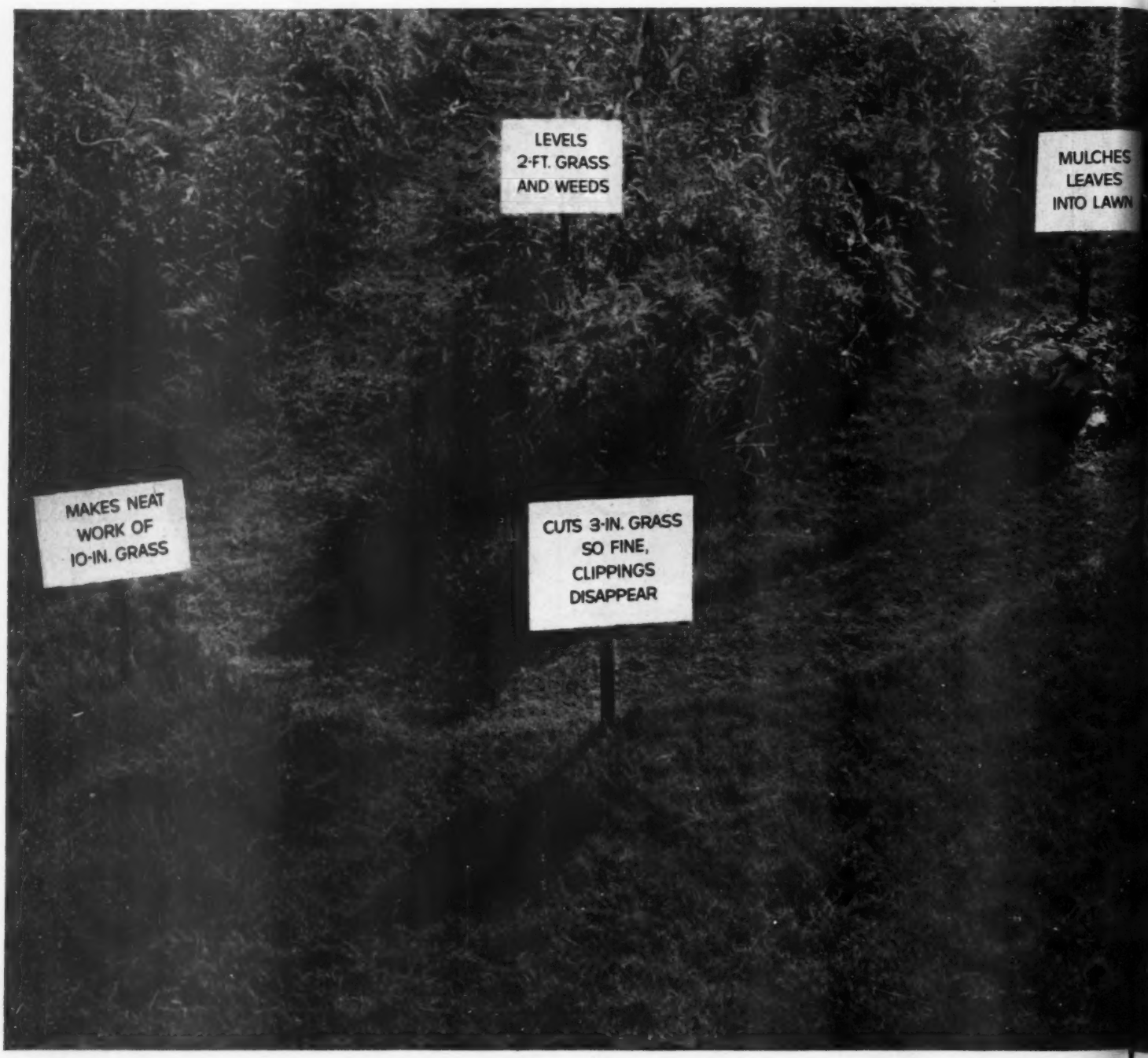
BETTER THINGS FOR BETTER LIVING
. . . THROUGH CHEMISTRY

New *REO* mows any lawn that

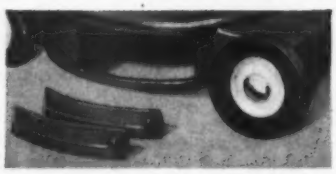


We built a power mower "obstacle course" to prove what this new Reo can do! Reo took every job in stride, left no mop-up work in its wake. It's Reo-engineered and "educated" for every mowing condition. Slices off long grass cleanly and smoothly. Gives normally high grass a clipped, brushed "military trim." Saves hours of tiresome raking, sweeping, snipping, clipping and trimming. You finish in one fast go-around.

EXCLUSIVE REO DESIGN stands grass up, cuts it off cleanly, gets rid of grass clippings 3 ways!

Reo Suction-Lift Blade is enclosed like a ducted fan. Strong suction pulls grass up for even cut, sprays the clippings out.

Reo Triple Duty Door adjusts mower for any grass-cutting condition



Wide-open for longest grass and weeds. No clogging. Cuttings are shot out, away from mower. No heavy clumps and clutter!

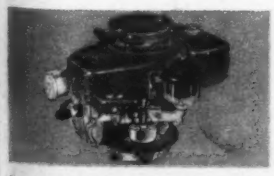
Top open for regularly mowed lawns. Clippings are spread so evenly you can hardly see them! No piled-up windrows to rake!

Closed for leaf-mulching and for fine-mulching of grass. Tiny mulched particles sift down and into the lawn. No sweeping!

grows...*in one clean sweep!*

And you don't even have to push! Deluxe 18″ Reo shown is *power-propelled* at a normal walking speed. Just steer—and take grades in stride. Front Wheel Drive, traction tires. For close trimming, it's free-wheeling. Deluxe 21″ model has *two* speeds: Creeper for highest grass or weeds, Regular for normal cutting. Set blade at any of 4 cutting heights with a finger-touch—without tools, without removing wheels. See your Reo Dealer!

More than a million people mow with Reo

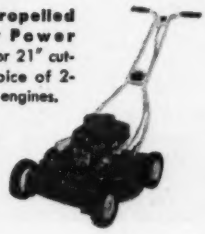


Rugged REO Engine, the most reliable power plant on any mower! 2¾ hp., 4-cycle, easy-starting. Uses regular gas—no messy oil mixing.

Reo Reel-Type Power Mowers. All power-propelled. Velvety cut. 18″ to 25″ cutting widths. Optional riding attachments.

New Hand-Propelled Reo Rotary Power Mowers. 18″ or 21″ cutting widths. Choice of 2-cycle or 4-cycle engines.

Reo prices start at **$89.95***
Write for name of your nearest Reo Dealer in the United States or Canada.
*Slightly higher in West and Canada



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IT'S LIGHT. EASY TO HANDLE

"Supplex is so light and easy to carry that even my little Karen can handle it," says Mrs. Richard P. Lewis, Jr., of Dedham, Mass.

TIRE-CORD REINFORCED

"It's different. It's reinforced. This Supplex is rugged. It'll last for years." says Mr. Albert E. Scherm, Jr., of Larchmont, N. Y.

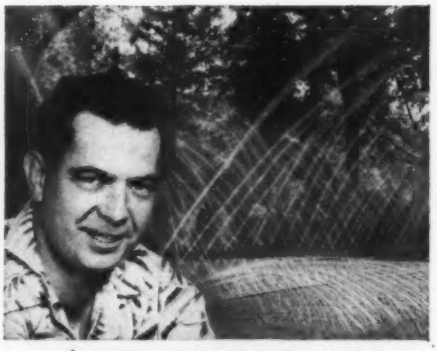
NO WATER PRESSURE BLOW-OUTS

"With Supplex I turn off the water at the nozzle and leave it for days, even in hot sun," says Mrs. A. H. Grose of Miami, Florida.

WHICH ONE OF THESE SUPPLEX HOSE ADVANTAGES DO YOU LIKE BEST?

RE-ATTACHABLE COUPLINGS

"Wonderful couplings! I accidentally damaged my Supplex, but I repaired it—in minutes," says Mr. F. E. Chelgren of Inglewood, Cal.



DELIVERS FULL HEAD OF WATER

"It gives me all the water the pipeline has so I get full benefit from my sprinklers," says Mr. H. B. Birdsong of Kansas City, Kan.

IT'S ECONOMICAL

"Real quality is economy. 3-ply, tire-cord reinforced hose at the price of *this* is a *buy*," says Mr. K. V. Ives of Birmingham, Ala.

Other Great SUPPLEX Values

"Standard" Hose. 4-Ply, tire-cord reinforced. Extra vinyl outer jacket provides added protection. With storage reel. 50 ft. $8.95. Also in 25 and 75 ft. lengths.

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Remember—SUPPLEX garden hose is tire-cord reinforced. You can leave it under full water pressure, even in the hot sun without danger of bursting. Have a look at SUPPLEX at your dealer's today. When you see it you'll know it is the quality hose you want.

SUPPLEX "SPECIAL" 50 FEET $6.49

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SUPPLEX® GARDEN HOSE

Also FLEXIBLE SPRINKLERS and SOAKERS

SUPPLEX COMPANY, Garwood, N. J.
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How to start seed indoors

ALL ANNUALS can be started indoors for faster bloom. Some types which do poorly in hot weather need the earlier start (see chart). Small seeds are usually easier to germinate in containers than in outside beds.

Best time to sow, for most annuals, is about 4 weeks ahead of the outdoor planting date. You won't need much space—a 6-inch pot will provide from 20 to 50 seedlings.

Sowing seed: Cover drainage hole with rock or piece of broken pot. Fill container to inch of top with vermiculite.

Sow directly on the vermiculite—not too thickly. One package will plant many pots. Do not firm the vermiculite.

Photographs: Stanley

Watering: First watering should be thorough. Soaking pot in water until moisture reaches top of vermiculite is a good way.

Later watering should be light. If pots are kept too moist, the seedlings will be spindly, and fungus diseases may get a start.

Transplanting: If you have a protected porch or cold frame, you can transfer seedlings to a flat and grow them there a short time.

If not, you can transplant them directly outdoors, to their final location, as soon as the weather permits, and soil can be prepared.

Things to remember—for extra blooms and a better show

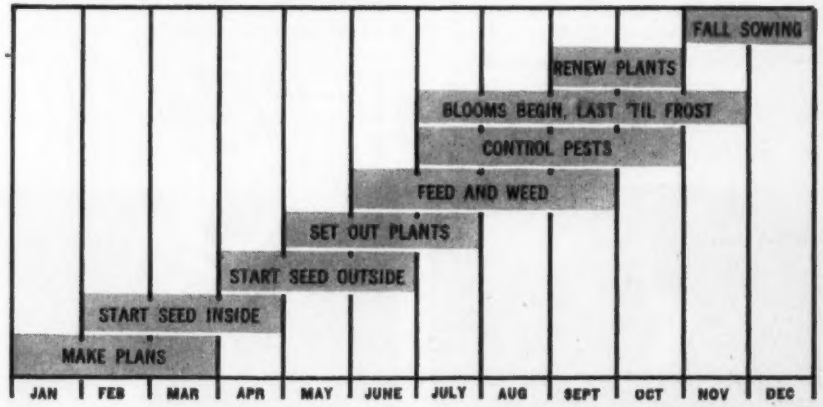
- If you want a mass effect, with the convenience of rows, make your planting furrows zigzag or spiral.
- Do not attempt to weed annuals until you can positively identify the flowers—young weeds often mimic them.
- If you have previously had trouble getting seeds to sprout in outside beds, cover them with vermiculite rather than soil.
- Thin out extra plants to the spacing recommended on the seed packet. If the plants are too thick, they will be stunted. Give them room to grow.
- Save your seed packets. These give you thinning requirements, other good tips, plus a record of the varieties. Keep notes on performance inside the packets.
- Pinch back young annuals when they are 6 to 8 inches high to make them branch. This is particularly important if they are not in full sun.
- Keep the old flowers cut off. Blooms stop when plants go to seed.
- Mulch your annuals, if you live where summer rains are light. The plants will do better, you'll save watering time.

Cut along dotted lines

PUSH OUT

Annuals give bargains in bloom

A year with annuals—a chart of jobs and possibilities



Make plans: Use annuals for reinforcing your basic color scheme, to fill in blanks in perennial border, in beds of their own. Look for disease-resistant types. Order early.

Start seed inside: Preferred for tiny-seeded annuals which are difficult to start in outside beds. Also lengthens growing season by giving plants an early start.

Start seed outside: Sow hardy annuals as soon as soil can be prepared. Sow tender annuals (that like warm weather) a week after average date of last killing frost. Seed packets usually give recommendations.

Set out plants: Plant annual seedlings you started earlier indoors, or those you can get from local nurseries and seedsmen.

Feed and weed: Feed when plants are thinned or soon after. Begin weeding as soon as the weeds can be separated from the flowers. Repeat as needed, usually twice.

Control pests: This is a minor job, unnecessary many years. To prevent trouble, use multipurpose pesticide every two weeks, beginning when plants start to flower.

Blooms begin, last 'til frost: The cool-weather types bloom early, perhaps by mid-June. Summer annuals flower until frost.

Renew plants: If summer leaves plants in poor shape, feed, cultivate, and cut back tops to encourage late flowering. Water freely if the weather is dry.

Fall sowing: Hardy annuals can be sowed in fall. Prepare soil as for spring planting. Seed packets identify suitable types.

Add these pages to your GARDEN BOOK
File with Continuous bloom

PUSH OUT

How to plant seed outdoors

SELECT a spot that gets sun for at least 5 hours each day. Most annuals thrive on dappled sunlight if they also get 3 or 4 hours of direct sun.

Sow hardy annuals as early as soil can be worked (see chart). Sow others when danger of frost is past.

If seeds are very small, start in flats or pots, and set the seedlings outside when danger of frost is past. (See page 3 for details.)

Soil preparation: Spade up all of bed. If it was originally in grass, remove turf first. Don't spade it under unless it has time to rot.

Scatter plant food over bed, and rake in. Use balanced plant food such as 6-10-4. Whatever you use on your lawn will work fine.

Sowing small seed: Soil must be well pulverized and level for success. If seeds are tiny, mix with corn meal or sand before sowing.

Do not attempt to cover seed. Instead, firm them to soil with back of a spade or other tamping tool, and sprinkle lightly.

Sowing large seed: These are best sowed in rows, since they need to be covered. Rule: cover seeds no more than twice their diameter.

To get even distribution of seed in rows, tear corner off packet and tap edge. With a little practice, seeds will flow out evenly.

Feeding: Feed young annuals when they begin to stretch up and set buds. Be careful to keep dry food off their leaves.

After feeding, water food into soil. If soil is crusty, scratch food into soil before watering. One feeding should last the season.

Watering: Most annuals are tolerant of dry weather, and manage to survive without extra water. But watering gives you more flowers.

Time watering to supplement rains. See that plants get a good watering every 2 weeks. Apply at least half inch of water each time.

Cut along dotted lines

Choose annuals to fit your space and schedule

Name	When to plant	Sun or shade	Height in inches	Special uses
Ageratum	A, C*	Sun	3-20	Edgings, withstand drouth
Babysbreath	A, B, C	Sun	12-18	Edgings, cut flower
Calendula	A, B	Sun	14-18	Cut flower, border
Candytuft	A, B, C	Sun	6-12	Cut flower, border
China-aster	A, C	Sun	12-24	Cut flower, border
Cockscomb	A, C	Sun	8-40	Cut flower, border
Cornflower	B, D	Partial shade	12-30	Cut flower, corsage, or boutonniere
Cosmos	A, B, D	Sun	30-48	Cut flower, border
For-get-me-not	B, D	Partial shade	8-12	Edgings, rock garden, cut flower
Gaillardia	A, B, D	Sun	12-18	Cut flower, border
Larkspur	A, B, D	Sun	18-48	Cut flower, border
Marigold	A, C	Sun	6-42	Cut flower, border
Morning-glory	C	Sun	8-12 ft.	Screening for privacy, beautify unsightly spots
Nasturtium	A, C	Sun	12	Cut flower, trailing kind for hanging over wall
Pansy	A, late summer	Sun and partial shade	6-12	Rock garden, border
Petunia	A, D	Sun	8-24	Window and terrace boxes, bedding plants
Phlox	A, B	Sun	6-12	Beds and borders, cut flower
Pinks	A, B, D	Sun	6-16	Borders, cut flower, rock garden, corsage, and boutonniere
Poppy	B, D	Sun	12-24	Beds and borders
Portulaca	A, B, D	Sun	6-9	Poor soil, hot, dry spot, beds and borders
Rudbeckia	A, C	Sun and partial shade	20-24	Cut flower, borders
Scabiosa	A, C	Sun	18-42	Cut flower, borders
Scarlet Sage	A, C	Sun	10-36	Borders, beds
Snapdragon	A, D	Sun	10-36	Cut flower, borders
Sweet alyssum	A, B, C, D	Sun	4-10	Edgings
Sweetpea	B	Sun	4-8 ft.	Cut flower, corsage
Zinnia	A, C	Sun	12-36	Cut flower, borders, and beds

*A—Indoors for early flowering B—Early as soil can be worked in spring C—Outside after frost D—Outside late fall

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SAVE $17.98 ON MONTAMOWER and BLITZ-BURNER COMBINATION INTRODUCTORY OFFER

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Both the new MontaMower with "HI-SPEED CUTTING HEAD" and the Blitz-Burner are their own best salesmen! To get as many in use throughout the nation as early as possible in the season, we are making this spectacular Combination Introductory Discount Offer for a limited time only! Don't miss this opportunity to SAVE $17.98 on America's two finest outdoor appliances . . . mail coupon below today!

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WITH FULL MONEY-BACK
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HERE'S HOW THE INCREDIBLE ALL-NEW MONTAMOWER WORKS

Working on an entirely unique and patented principle, eight sets of newly designed, overlapping, precision ground tool steel cutting discs shear the grass as it is gathered by their revolving teeth. Like an electric razor, the new MontaMower cutting head takes small, even, positive "bites" at even the slightest forward movement . . . no misses, no skips! Simple handle adjustment controls cutting height.

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With MontaMower there's no more "going-back-over" with whipper, or back-breaking hand pulling!

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. . . right up to fences, trees, buildings, walks, flower gardens and under overhanging shrubs . . . eliminates that long, tiresome hand-trimming job!

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. . . MontaMower is so light (9½ lbs.) and so responsive that even women and youngsters can mow steep banks up, down or across with scarcely any effort! Can't "shave" crests as heavy mowers do.

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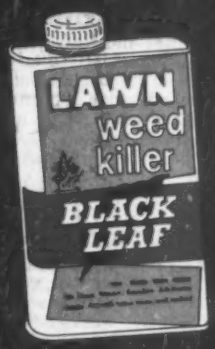
a lovely lawn
all summer long



***NEW!* Double-duty Weed Killer**
Now there's almost no work at all to keeping your lawn attractive and weed-free. Black Leaf's new Lawn Weed Killer destroys even the hardy weeds—kills plants and roots, fast and forever. Use this new double-duty garden helper to eliminate poison ivy, other unwanted vines and brush, too. Full directions on the package. Ask your dealer for Black Leaf Lawn Weed Killer in the green and red can.

***NEW!* Lawn Insect Control**
Don't wait for ugly brown patches of dead grass to warn you that grubs are eating the roots away. Black Leaf Lawn Insect Control contains granular dieldrin . . . kills soil insects, ants and chiggers, too. It is dustless, thrifty to buy, easy to apply right from the handy sprinkler package. To insure a lovely lawn all summer long, apply Black Leaf dieldrin spring, summer and early fall. At your dealer's now. Ask for it.

Look for New Activated Black Leaf 40—Faster Acting
Easier to use—Best for flowers and shrubs
DIAMOND BLACK LEAF COMPANY • CLEVELAND, OHIO

Tomatoes, anyone? Here's how to grow 'em

MOST GARDENERS will tell you tomatoes are easy to grow—and no wonder. They'll grow in almost any soil, thrive on heat, and bear abundantly. For all you want to eat, allow two plants for each one in your family

1. Tomatoes need lots of sun, so choose a sunny spot. Space 2 feet apart each way, or 3½ feet if you don't plan to stake. Crowding will reduce crop, make picking difficult.

If plants are leggy, nip leaves from lower stem and plant deep. Feeder roots will sprout along the stem and make a sturdier plant.

2. To protect plants from cutworms, wrap stems in a paper "collar" about 3 inches long. Any stiff paper will do.

Set at least an inch of the collar below soil level. This will hold it in place.

Or spread a few pellets of bait containing metaldehyde around the base of each plant to control the cutworms.

3. After placing the collar, firm the soil gently and water. Use about a quart for each young plant.

Or, to give plants a quick start, water them with a starter solution. You can use any liquid food, as recommended on the package, or 3 tablespoonfuls of regular food dissolved in a gallon of water.

Vine-ripened tomatoes have a better flavor as well as a better color, which develops only after the tomato stores up reserve foods. You can expect to pick first fruit about 60 days after you set out plants

4. If you choose to stake your tomatoes, add the stakes as soon as possible. Drive them in late and you'll cut some of the feeder roots.

Stakes at least 6 feet long are needed. And they should be stout as they will support a lot of weight.

Staking gives you cleaner fruit and easier maintenance.

5. Tie tomatoes to stakes at one-foot intervals. Vines will be heavy when fruiting.

To keep ties from cutting stems, tie them securely to stakes first, then make a big loop for stems.

If you run out of regular plant ties, use cloth strips one-half inch wide. Don't use cord or twine.

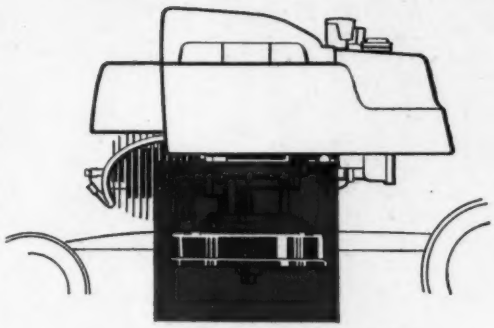
Photographs: Stanley

6. Tomato plants will branch freely, and sprawl over the ground, if you let them.

To keep them in bounds, snap off the side shoots regularly, training plants to a few stems tied to the stake.

If you give plants enough space, and mulch to keep the ripening fruits off soil, you can skip pruning.

More on page 349



An exclusive new mower convenience feature! The Power Products Hush-Tone Muffler specially designed to eliminate annoying neighborhood noise.

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To get the most for your dollar in '56 insist your new mower have a modern engine. When you buy, you can demand these new convenient features to make your grass cutting job easier. ■The exclusive new Hush-Tone Muffler (see above) is an exciting new feature on 1956 mowers. ■The latest in operating convenience is the modern Power Products Instrument Panel Control. One 4 position fingertip control to start, run, idle, and stop the engine. ■The modern Power Products engine has Double Power Action to assure fast, easy starting, instant pick-up and dependable cutting. ■A real work and time saver is the use of clean, modern pre-mixed fuel. In short, your really modern mower will have the new Power Products engine.

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Because of this news millions of cats will be healthier, happier

For a full-color 8" x 10" print of this Chandoha photo send 25¢ to Puss 'n Boots, Dept. B-26, Box 886, Trenton, N. J.

Puss'n Boots now contains extra Vitamin B_1 (Thiamine)

A most important feeding problem is to make sure your cat gets an adequate daily supply of Vitamin B_1, the "nerve vitamin". Without it your cat can become irritable instead of playful, dull-looking instead of sleek and beautiful.

So now *every* can of Puss'n Boots has extra Vitamin B_1... added to the finely ground whole fish and selected cereals. Feed regularly... enjoy a livelier, lovelier pet.

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...adds the Plus in Health, Beauty, Vigor

Coast Fisheries, Division of The Quaker Oats Company, Wilmington, California

How to make your beautiful backyard safer and more useful

This lovely and inviting yard has become a gracious outdoor living room and a safe play area. A strong, sturdy enclosure of Cyclone Fence adds immeasurably to the protection and privacy. Children play there, safe from wanderlust and traffic, and informal outdoor entertaining and family activities are free from trespassers and uninvited guests.

And when you fence your property with Cyclone, you are assured of quality. The name Cyclone, which is the trade-mark name of fence made only by Cyclone Fence, has long stood for strength, long life and good appearance in chain link fencing. We'll be happy to send you a free, illustrated, booklet showing the many styles of Cyclone Fence and Gates.

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Dept. 256, Waukegan, Ill.

Please mail me, without charge or obligation, a copy of your Cyclone Fence booklet.

Name .....
Address .....
City ..... Zone... State.....

Your pet and mine

Begins on page 280

My springer spaniel is always chasing his tail and biting at the area around the tail. What can be troubling him?

There are usually two common causes for irritation around the dog's tail. First is the irritation caused by the anal glands. These are little glands located on each side of the rectum. Sometimes they become clogged, and, not draining, make the dog uncomfortable. He may scoot across the floor to relieve himself.

Another cause for the irritation around the tail may be eczema. Ask your veterinarian to examine the dog and to show you how to empty the anal glands.

I have a wirehair terrier, 6 years old, and every summer he develops severe itching of the skin, causing him to scratch almost continuously. The skin becomes red and bare patches appear on the back, especially around the tail. What is this and what can we do about it?

Many dogs, especially those of the terrier group, are subject to the skin condition which you describe. The best explanation is that the condition is an allergy, manifesting itself with an itching skin and eczema. It is thought to be a close kin to hay fever of man. These canine sufferers are probably allergic to certain weeds, grasses, and pollens because after a heavy frost the condition is relieved and most dogs are not bothered again until the following summer. Your veterinarian can help to alleviate the itching and discomfort.

I have a 12-year-old cat. To what age can I expect him to live?

Barring infections, disease, and accidents, cats usually live to be 13 to 16 years old. Occasionally one is reported to be 18 or 19 years old. You may expect your cat to become senile at 14 or 15 years of age.

We have lost several kittens from enteritis or distemper. We are getting a new kitten. Can this disease be prevented?

There is now available an excellent vaccine for the prevention of this disease. Most veterinarians like to vaccinate kittens at about 3 months of age. Vaccination is accomplished in two injections, 2 weeks apart. I suggest you see a veterinarian and he will make the arrangements as to when he thinks it best to vaccinate the kitten.

I want to get a pet, but it will have to be left alone most of the day. Should I get a puppy or a kitten?

A cat requires less attention than a dog and is more content to be alone. The cat adapts itself well to living in one room or in a big area.

▶ Have you a problem in pet feeding, care, training, disease prevention? Address your questions to Dr. Wayne H. Riser, "Your Pet and Mine" Editor, *Better Homes & Gardens*, Des Moines 3, Iowa. Enclose a stamped, addressed envelope.

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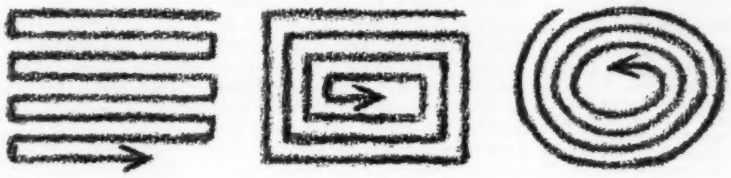
How to save mowing time

Mowing is like paying taxes—you can't postpone it long. And although you can reduce both, you can't eliminate either one

Pick mowing pattern for each area of lawn



A This is most efficient mowing pattern for lawns broken up into rectangles and squares. Particularly good for irregular borders

B Good for rectangles and squares larger than 1,000 square feet. May not give as good appearance as "A." Inefficient on small areas

C Best for mowing oval or circular areas. Eliminates time-consuming turns. Not recommended for irregular areas, squares, or rectangles

In the bluegrass country, it takes a full 40-hour week to keep the average lawn mowed during one growing season. Farther south, where the grass grows 9 months out of the year instead of 6, mowing takes two weeks and some overtime.

There are 28 weekends from April 22 to October 28—the grass-growing season. Except in the hottest part of the summer, you'll mow every week. The hours add up.

When you mow, you walk a lot. Mowing speed is close to 3 miles an hour. In this theoretical 40-hour week, you'll walk 120 miles. The exercise isn't theoretical.

These are just generalities, but they are based on studies of mowing using stop watches, pedometers, step counters, and a variety of mower sizes and types—reels and rotaries, power mowers and hand mowers.

Time-motion experts were consulted. They gave us sets of complex figures and notes that generally confirmed what we found out by pushing a mower around.

In these studies, we found out how to save time and steps. If you think a 40-hour week is too much, you'll be interested in the results.

The easiest way to save time on most lawns is to eliminate turns. Every turn takes extra time, and with hand mowers, extra energy to overcome the inertia of the mower. Extra turns also damage tender new grass shoots on new lawns.

To eliminate turns, divide your lawn into a few big patterns that can be mowed in one direction, or with one pattern. Then mow parallel to the long axis of each pattern—that is, mow in strips that are as long as possible.

There is one exception, related to appearance. A lawn looks better after mowing if adjacent areas are mowed with mowing strips running the same direction. If your front lawn is divided into small areas, pick a direction that is most efficient over-all, and use it exclusively.

How often should you mow?

One of the most interesting things we found was that you cannot save time by mowing infrequently. Reel mowers cut at top efficiency when the grass isn't over 3 inches high. Rotary mowers cut fairly well up to 4 inches. In an emergency, they'll cut weeds that are knee high, but mowing speed is greatly reduced.

To find out just what effect infrequent mowing had on mowing time, we ran a test. We mowed a 25x50-foot plot with grass 5 inches high, using an 18-inch rotary. It took 15 minutes to get a smooth cut, with lots of zigzagging to catch stray blades. It took just 5½ minutes to mow a similar plot when the grass was only 2½ inches high.

What about obstructions in lawn?

Mow completely around a tree the first time your mower comes close enough to touch it. If tree is small, one circle is usually enough to give you working room. Two circles are enough for large trees. When mower path is clear, do not continue to enlarge the arc you make around the tree, but return to mowing in straight lines.

Sidewalks sometimes complicate mowing. If they are not level enough for you to mow over them, they break your lawn up into extra fragments—which may increase the number of turns you have to make. In such cases, it is usually best to mow parallel to the walk. If you can mow over the walk without jolting your mower, then pick the mowing direction that would be best otherwise.

Most grade changes don't add extra steps, but they do add extra work. The easiest way to mow them is with the contour, as a farmer plows. If they split your lawn, mow each side separately. Don't mow up- and downgrade unless you have to.

Flower beds in a lawn area take more time than might be imagined. We [*Turn to next page*

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(Say Roll Easy)

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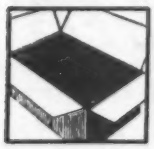
MEYER Z-52 ZOYSIA

- GUARANTEED TO GROW*
- So tough it chokes out crabgrass
- Goes for weeks without watering
- Needs mowing only every few weeks
- Grows in any soil
- Survives sub-zero winters
- Withstands abuse in play areas
- Quickly, easily planted in 2" round plugs
- Needs less attention, gives more pride and pleasure than any other lawn grass known

SINCE 1949, when first samples of the research-improved Meyer Zoysia were released by the Agriculture Dept. Experimental Station in Beltsville, Md., Summit Hall has invested time and acreage propagating what *Newsweek* magazine calls a "Godsend in Grass." You may have read about Summit Hall and its Meyer Zoysia in *Newsweek, Look, Popular Gardening, Flower Grower, Horticulture,* and the *Associated Press.* The century-old Maryland farm was featured on the *Arthur Godfrey* television show, *The Morning Show* and *Industry on Parade.*

Plug Your Way to a Beautiful, Weed-free Lawn



Boxes arrive fresh from Summit Hall. Each with complete planting instructions and our written guarantee. Plugs are packed separately—like eggs—for protection and easy planting.

Summit Hall's step-on plugging tools greatly simplify the cutting of holes just the right size for your new plugs of Meyer Zoysia.

Insert plugs in prepared holes, pressing firmly in place with heel for tight fit. Heeling-in helps Meyer Zoysia establish its root system quickly and stimulates speedy growth.

If you're in a hurry for a beautiful lawn, the greater the area you plug this season, the sooner you'll enjoy a weed-free, crabgrass-free, drought-resistant lawn. The remarkable spreading action of Meyer Zoysia, however, enables you to transplant thousands of plugs from your initial planting, and makes it possible to produce a full lawn of Meyer Zoysia for as little as $10. Contrast this with your annual purchases for ordinary lawn grass seed, fertilizer, soil enrichers, weed killers, insect repellents—to say nothing of the time and effort you save with Meyer Zoysia. Why not order your first *guaranteed* package today?

Use coupon or write for name of nearest distributor.

***GUARANTEE CARD,** enclosed in every box of plugs, entitles you to replacement of any plugs which do not survive and thrive in your lawn.

Summit Hall Turf Farm, Gaithersburg, Maryland

Please rush following order of Meyer Z-52 Zoysia via Railway Express. Check or Money Order enclosed—I will pay express charge on delivery.

☐ Introductory Package, 100 two-inch round plugs.....$10

☐ Suburban Package, 300 plugs with sturdy, cane-type step-on plugging tool free.....$30

☐ Step-on plugging tool: Cane-type.....$3

☐ Estate Package 500 plugs with heavy-duty step-on plugging tool free.....$50

☐ Institutional Order, 10 sq. ft. with heavy-duty step-on plugging tool free....$50

☐ Step-on plugging tool: Heavy-duty.....$5

Name

Address

City State

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Read this if Meyer Z-52 Zoysia grass is new to you

Developed by the U. S. Dept. of Agriculture and the U. S. Golf Assn. Green Section, Meyer Zoysia forms a lawn of firm, resilient turf that resists drought and extreme summer heat, goes for weeks without watering, grows in any soil from heaviest clay to lightest sand. When established, Meyer Zoysia turf is so dense that neither weeds nor crabgrass can penetrate, needs trimming only every few weeks. Since Meyer Zoysia is a hybrid, it bears no seed. Two-inch round plugs are planted with a simple garden tool in existing lawns or prepared areas, one to the square foot. Plugs are watered well the first few days, mowed only as often as you mow the rest of your lawn. In less than two growing seasons Meyer Zoysia crowds out weeds and crabgrass, forms a sparkling green turf from which you can cut thousands of plugs for your remaining lawn. Meyer Zoysia resists heavy traffic, withstands abuse and offers a cushiony, protective surface for play areas, improves with age, is hardy in winter (30° below doesn't faze it), green and vigorous all summer long. It concentrates its growth laterally instead of upwards, needs mowing only every few weeks, builds an extensive root system that holds moisture, thrives over extended periods of drought and hot dry weather. After several heavy frosts, Meyer Zoysia turns a golden brown, resumes its green color and vigor in the spring. While by no means necessary, overseeding with a cool season grass (such as Merion bluegrass) produces a green-the-year-around lawn.

ATTENTION GARDEN CLUB MEMBERS

25-minute color-and-sound film on the development, nature and care of Summit Hall Meyer Z-52 Zoysia available for showing, without charge. Write for details, stating preferred showing date.

Save mowing time

Begins on preceding page

clocked the time it took to mow a 15x30-foot area with a flower bed in the center. The flower bed was a square, measuring 5x5 feet.

It took 3 minutes and 16 seconds to mow the area. Without the flower bed, time was cut to 1 minute 33 seconds. The number of steps was cut from 310 to 143.

Circular and oval flower beds are much easier to mow around. Combined with mowing strips, they aren't much of a problem.

Should you square up the edges?

Few lawns are completely free of irregular edges. Flower beds, shrub borders, and hedges all combine to make mowing take more time. Even a small lawn may have as much as 300 or 400 feet of irregular borders, around the lot line and around the house. And irregular borders mean a couple of extra trips with a mower to even them out.

You have a choice of squaring up the edges first or mowing the center first. We tested different methods. The zigzagging "A" pattern proved most efficient.

Here's how it worked. On an irregular shrub border 40 feet long and 20 feet deep, we got these results from the "A" pattern:

Mowing the edge first required 302 steps and 3 minutes and 34 seconds. Mowing the lawn first took only 274 steps and was 30 seconds faster.

When you zigzag, mow into the irregular border—not parallel to it. When you finish, you'll need only one trip to cut the remaining grass.

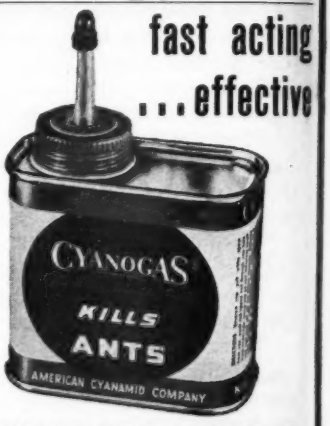
Keep the blades sharp

Mowing time does depend on your equipment. Bigger mowers naturally cover the ground faster than smaller ones. But even the best mower can waste time if it isn't kept in good mowing condition.

A dull mower not only gives a rough cut, it also takes longer. When a power mower stalls, it eats up time fast. Every stall costs you about 30 seconds—assuming you can get the mower to start on the first crank.

Five minutes of maintenance every couple of weeks can save you several hours through the season. Keep the blades sharp and the spark plugs and air filter clean. Get your exercise mowing—not fighting a balky mower.

"Now that I'm captain, I get to keep the mascot."



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Laundry tips

Begins on page 312

Cotton curtains vary, so adjust the washing methods to the type and weave of fabric. Check manufacturer's tag.

It's best to shake out dust first. Starch if desired.

To hand-launder, soak curtains about 15 minutes in lukewarm water with mild detergent; wash in hot water. Do not wring or twist.

For washer, put loose-weave curtains in mesh bag or a pillowcase, give lukewarm soak, wash 3 to 5 minutes in hot, sudsy water.

Lace curtains are back. Pictured ones have special finish, need no stretching, may be dried between two rods.

Cotton rugs—not to be ignored in spring cleaning!

Before putting in washer, shake off loose soil. Soak in lukewarm water few minutes.

If color is fast, and rug not rubber-backed, wash in hot water and all-purpose detergent for 5 minutes; rinse; spin-dry; pop into dryer.

If rug has rubber back (as in picture) wash in warm, sudsy water and tumble the rug in dryer set at low heat.

Or if you like, line-dry outdoors where breezes will help "poof up" tufts.

All-nylon boots—reminder if you've forgotten to give them a good cleaning.

Scrape off mud. With vacuum-cleaner crevice tool, go over the boots thoroughly.

Close zippers or lace boots. Add old bath towels to washer to act as a buffer.

Wash one pair at a time in warm water with controlled-suds detergent; rinse. Spin-dry; unzip; stuff with paper towels; dry away from heat.

Store in plastic bag—boots are ready for first snowfall next winter. Tip's ideal for child's pastel or white boots.

On the grass

I know a man whose lawn is fair,
  In fact perfection.
"Keep Off the Grass" signs everywhere
  Afford protection.

It's much admired—so green, so neat—
  Each blade in place there.
Of spots worn bare by children's feet
  There is no trace there.

It is a lawn to please the eye,
  To look at only.
And I should guess, from passing by,
  The owner's lonely.

—*Richard Armour*

No more walk-work or back-work! Cut a wide 57½-inch swath with this 3-gang mower on the Cub Lo-Boy. Fingertip Touch-Control raises mower for turning, transport—hydraulically. Easy maneuverability, full vision permit cutting close to trees, flower-beds, buildings. Pull-type mowers available.

You'll RIDE your work away with a

NEW International CUB Lo-Boy tractor

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With the powerful, 4-cylinder Lo-Boy you mow lawns, maintain driveways, clear snow, dig holes, spray paint or insecticides, saw wood, mix concrete, pump water, haul supplies—faster, easier. IH *all-tractor* quality means dependable operation with minimum upkeep.

Rotary mower, rear or center-mounted cuts weeds; mows lawns smooth.

Belt pulley drives low-cost air compressor, other utility equipment.

Convenient, front-mounted blade clears snow like magic; grades new lawns, drives

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A patented disk spins with the cutting blades creating an internal air flow that whirls clippings inside the hood until they are completely mulched and spread evenly over the lawn. Result? There are no dangerous open ports that menace children, pets and you and no packing of the grass within the hood. EXTRA FEATURES: 1.6 HP, 4 Cycle Gasoline Engine, Automatic Rewind Starter, Close Cutting—⅜" From Obstructions, Safety Rear Foot Guard, Extremely Simple Height Adjustment.

The CLEMSON "Power-Drive" Reel type mower

COMPLETE CONTROL — THE MOWER THAT YOU RUN

IT DOESN'T RUN YOU

WALK—the Power Drive moves ahead and cuts, STOP—the Power Drive's wheels stop, DROP THE HANDLE—the Power Drive's wheels stop, FLIP LEVER—Reel stops, but mower moves under own power. EXTRA FEATURES: Automatic Rewind Starter, Bed-knife to Reel and Cutting Height Adjustments Extra Easy, Reel Releases Automatically when jammed, Precision Quality Construction.

18" CUT $149.95*

ABSOLUTELY THE BEST HAND MOWERS MADE

E-17 17" CUT $33.95*

E-16 16" CUT $28.95*

Special 16" CUT $23.95*

*Prices Slightly Higher Denver West.

These mowers cannot be surpassed for perfect cutting and long life. Their Box-Frame construction, Girder-Shaped Bed-knife and 4-Spider Reel make them extremely rigid so that the mowers cannot warp out of alignment. Height and cutting adjustments can be made easily, anywhere, without tools. Special placement of the handle prevents the mower from "bobbing" when it hits bumps or snags. Extra large triple rollers prevent damage to sod. Semi-pneumatic tires. Baked enamel finish.

Buy CLEMSON

CLEMSON Bros., Inc., Middletown, New York

Makers of Hand and Power Hack Saw Blades, Metal and Wood Cutting Band Saw Blades and Clemson Lawn Mowers.

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How to work

Smooth the edges with very sharp, shallow-set plane, holding it at a slight angle so the shearing cut is downward from the surface of the board.

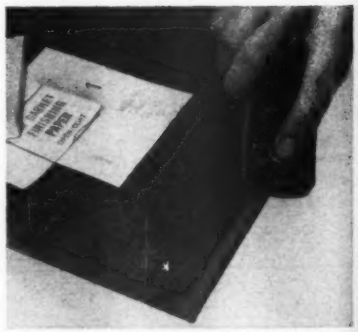
This helps eliminate fuzziness at the front edge.

File or rasp works grainless hardboard to smooth surface.

Hold it true and square with an old-fashioned skate sharpening grip and stroke it lengthwise, as shown, rather than across the edge.

Bevel edges with an ordinary hand plane or rasp.

But for big jobs, an inexpensive bevel plane can be adjusted to give a uniform depth of cut in a single slicing stroke, as pictured.



Round edges are easy with a plane. Use shallow set to work round into nearly final form, then sandpaper it.

With lots of rounding to do, you get a start by cutting a shallow bevel first.

Hardboard may tend to fuzz up slightly under sandpaper—especially standard grade.

Control this with wash-coat of shellac before final dressing with very fine sandpaper. Avoid sanding panel surface.

with hardboard

Begins on page 305

New paneled walls are easy with hardboard

For new walls in remodeling or building, or for covering old walls in need of a new surface, hardboard goes up fast. Above grade, you can use the economical type specially made for paneling. Below grade, and in laundries, kitchens, and baths, you should use tempered hardboard which is manufactured to resist moisture.

The ⅛-inch thickness is perfect when you put it over a solid surface such as cracked and unsightly plaster, sheathing, or other flat, nailable surfaces. Over open framing, use at least 3/16″ hardboard; ¼ inch is better.

With tempered hardboard, finishing nails are called for. Set them slightly below the surface and fill with putty or wood plastic. With softer standard or panel-grade board, you can use a nail called a "coated sinker." It has a thin, beveled head and can be driven perfectly flush with the surface. Nail spacing should be about every 4 to 6 inches around edges, and 12 inches throughout panel.

To cover unsightly walls with a smooth new surface, you can apply hardboard directly.

Use brads if the old wall is wood; longer finishing nails if you must reach through soft sheathing or old plaster into a firm nailing support, such as the studding.

To avoid marring surfaces of prefinished boards, you can apply them to old walls or a smooth back-up in new construction by using adhesive.

Where it's necessary to "follow" uneven walls or to overcome any curve in the sheets, cross braces reach across to the opposite wall.

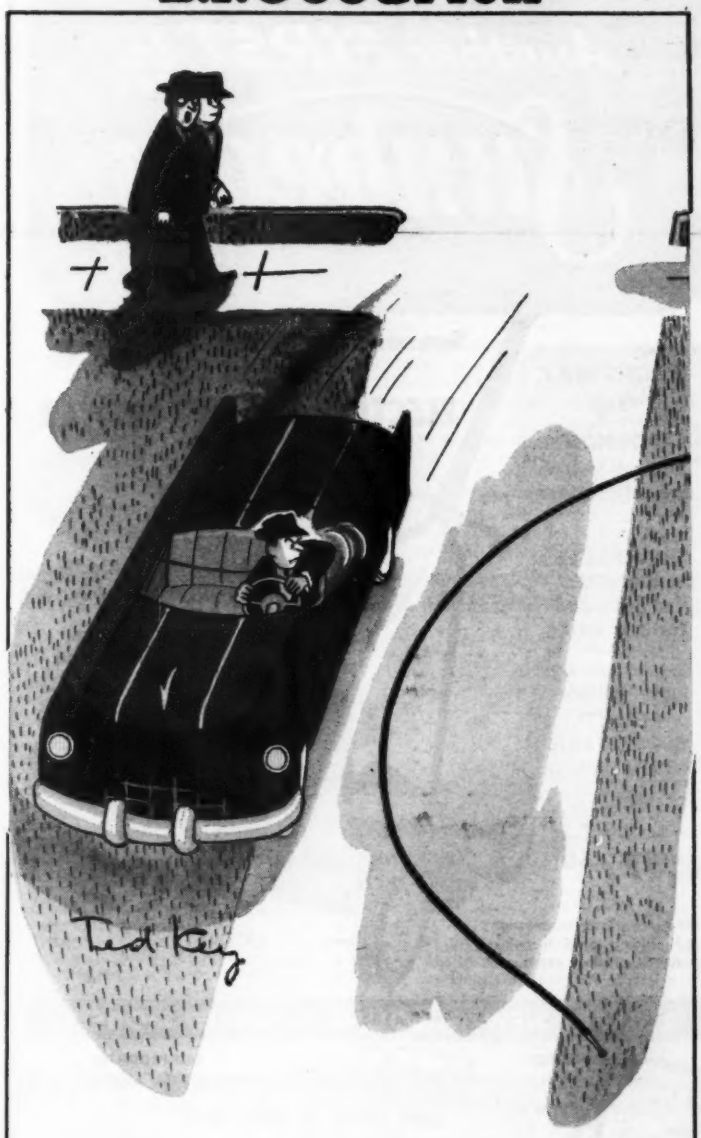
Cement spread with comb-spreader sets fast, holds tight, and is waterproof.

For concrete walls or others that may be out of plumb, use furring strips on 16-inch centers, nailing the hardboard to the strips fastened on wall.

As with open framing, use 3/16-inch material or thicker —in basements always.

More on next page

B.F.Goodrich



If he had a tough Koroseal hose, he could have run right over it.

Koroseal lasts for years. Don't confuse Koroseal hose with any of the thin, flimsy kinds you see so often—even though Koroseal is a third lighter than ordinary rubber hose. You have *satisfaction or your money back!*

You can yank Koroseal hose around corners or tree trunks, run over it with your car. Leave it out all year round if you want to. Its brilliant colors may dim a bit in time, but neither sun nor air will ever weaken it. Koroseal won't chip, peel or rot.

Koroseal costs a little more but makes up for it by lasting so long. In normal service you can expect it to last at least ten years. Regular Koroseal is only $9.80 for 50 feet. Koroseal Imperial is a little smaller and only $7.95 for 50 feet.

Koroseal hose is clean, has a high polish, the surface doesn't hold dirt. Its brilliant red or green color can't come off on hands or clothes.

Look for Koroseal hose in hardware stores, garden stores and other stores, but look for the Koroseal label. If it doesn't have the label, it's not real Koroseal. *The B. F. Goodrich Company, Akron, O.*

Koroseal—T. M. Reg. U. S. Pat. Off.

B.F.Goodrich

Koroseal

GARDEN HOSE

Another FIRST by Sunbeam

Sensational NEW Lightweight TWIN BLADE ELECTRIC ROTARY MOWER

WEIGHS ONLY 29 POUNDS Easiest-to-use Easiest-to-store

REVERSIBLE HANDLE For back-and-forth mowing

NEW DESIGN PERMITS CLOSER SIDE TRIMMING

The MOST POWERFUL Electric Lawn Mower made. Full 1 Horsepower motor. (Operates on 110 V. Residential Current)

High-speed Twin Blades for smoother cutting.

Twin discharge chutes spread fine clippings more uniformly.

Only $77.50

Leaf mulcher attachment saves leaf raking and burning, available at slight extra cost.

18" CUT

2 GREAT NEW GASOLINE POWERED MODELS

Sunbeam SELF-PROPELLED ROTARY MOWERS with FREE WHEELING

- Lower the handle to drive the mower.
- Raise the handle for easy mowing around trees, shrubs, etc.

and SELECTIVE TRANSMISSION

- Higher speeds for normal grass.
- Lower speeds for heavy grass, weeds, mulching leaves, tight places and for older people.

Model 221-225 2¼ H.P. 4 Cycle Briggs & Stratton Engine for normal home use. Only $155. Colo. & West, $157.75

Model 221-275 2¾ H.P. 4 Cycle Briggs & Stratton Engine for big tough jobs. Only $159. Colo. & West, $162.

No other gas rotary mower gives you ALL the advantages you get with the Sunbeam. Full 21" cut. Leaf Mulcher Attachment, $4.75.

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Made and guaranteed by SUNBEAM CORPORATION, 5600 Roosevelt Rd., Dept. 11, Chicago 50, Ill. • Canada: W. Toronto

FAMOUS FOR MIXMASTER, SHAVEMASTER, FRYPAN, COFFEEMASTER, ETC.

How to work

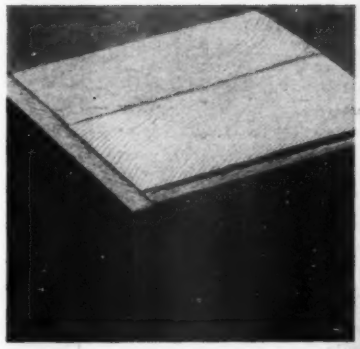
Decorative treatment of joints comes from the use of plain or fancy moldings. Use them horizontally over solid panels as well as vertically to give job square-panel look.

For a ceiling raising effect caused by a strong vertical line, nail battens in middle of each panel, and at joints.

Make sure you nail through the board into a solid support located behind it.

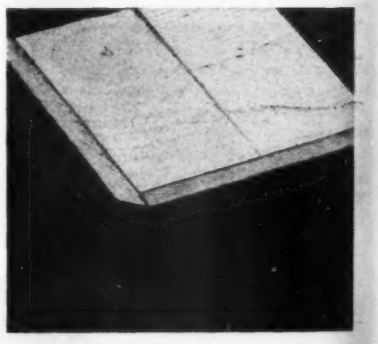
Leatherlike surface of hardboard makes an interesting wainscot or counter base.

Upholsterer's gimp in leather or artificial leather of harmonizing color, makes an attractive joint treatment.



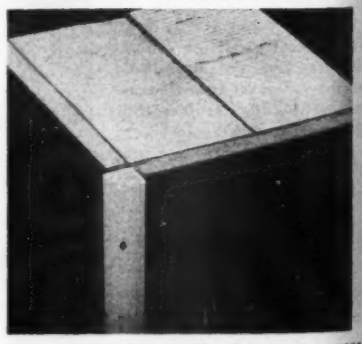
Even simple overlapped outside corner looks good when finished, because thinness of sheet brings crack inconspicuously close to actual corner.

No special joinery is needed to hold the panels rigidly together without slipping.



Edge of the overlapping sheet on an outside corner is less likely to chip or mar if the sheet is full-beveled.

Notice here how joint disappears into the bevel. Use bevel or shallow-set plane.

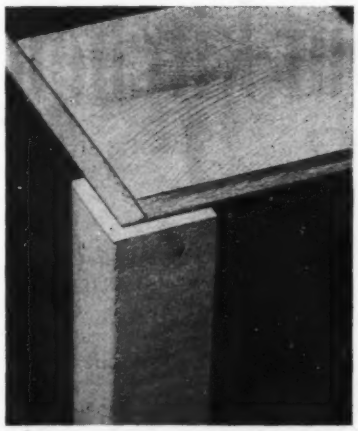


Quarter-round is another way of sealing and decorating outside corner. Nail sheets flush with framing, instead of overlapping one on another.

Quarter-round then slips into the angle sheets form.

with hardboard

Continued from page 339



Right-angle molding to match battened walls is alternate treatment for outside corner.

Moldings like this one are standard at lumberyards, or you can duplicate them easily and quickly on power saw.

Natural counterpart of molded or battened outside corners is cove molding on the inside corners.

With this treatment, barely tack sheets in place, letting cove hold them solid.

Nailing inside corners, you can work close to edge of the first sheet and cover nailheads completely with the second.

Keep the nails as close into corner on the second sheet as possible for neater joint.

Special metal moldings are available for regular and prefinished hardboard.

Buy them in bright chromium, a wood-grain face, or matching-color finishes.

Moldings for all inside and outside corners as well as the edges are standard when you cement decorated board up.

Sunbeam Rain King

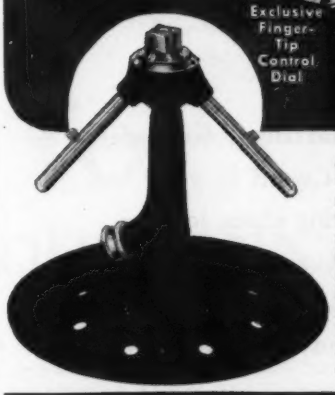
The BEST Sprinklers Made

Set Dial to Sprinkle 5 to 50 Feet Automatically

Exclusive Finger-Tip Control Dial

For NARROW parkways . . .

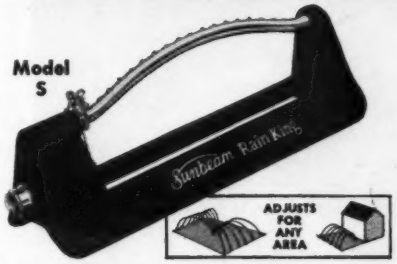
. . . or WIDE lawns



AUTOMATIC MODEL K Gives you conveniences you've always wanted in a sprinkler—desired distance and spray with a turn of the control dial. Whether set for small or large areas, the spray is always broken up by the speed of the revolving arms to give a natural rain-like shower. Delivers plenty of water for deep soil saturation to give rich, healthy lawns. Built-in, long-lasting Sunbeam quality. Model K, $9.75 (Colorado & West $9.95).

OSCILLATING SPRINKLER **AUTOMATIC TRAVELING**

Model S



An outstanding oscillating sprinkler that covers rectangular area with natural rain-like shower. Simple easy-to-set adjustment lets you sprinkle into corners, water up to walks, walls, etc. Built-in Sunbeam quality. Stainless steel tubing will not rust out or corrode. Powerful, precision-built water driven motor unit separated from water channel, Model S, $13.95.

Model K20

Same finger-tip control dial as the Model K *and travels, too.* Winds up stainless steel tape to pull itself across lawn. Sprinkles any course up to 125 feet—shuts off automatically. Model K20, $34.95 (Colorado and West $35.50).

PLASTIC SPRINKLER **MODEL D** **N1-A HOSE NOZZLE**

Sprinkles with a gentle rain-like spray. Perfect for "hard-to-water" areas, new lawns. Available in 25 or 40 foot lengths from $3.75.

America's most economical sprinkler

Set it to sprinkle circles, narrow strips. Adjustable nozzles, $5.95.

Solid brass, chrome-plated. Quickly adjusts for any spray. $1.50.

Leak-proof. Tarnish-proof.

Sunbeam HEDGE TRIMMER

- Powerful
- Light-weight
- Well-balanced
- Easy-to-handle

Faster, easier way to trim shrubbery, hedges, ornamental trees, etc.

Saves time, gives professional results. So light (4¼ lbs.) and well-balanced a woman can easily use it. $46.75 (Colorado & West $46.95).

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FAMOUS FOR MIXMASTER, SHAVEMASTER, FRYPAN, COFFEEMASTER, ETC.

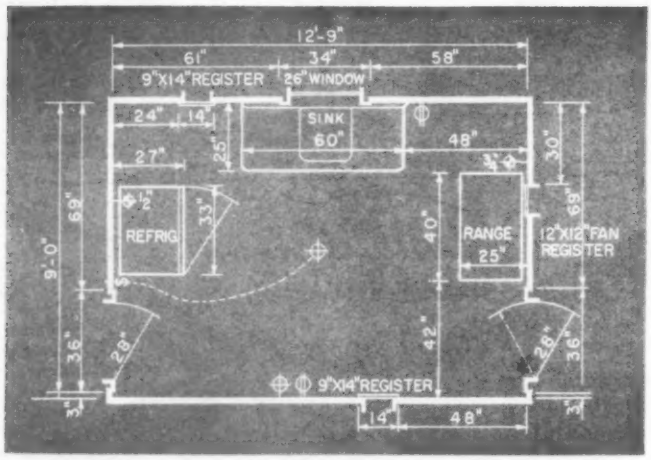
How to go about improving your kitchen

See page 67

WHETHER YOU'RE starting from scratch or remodeling, plan what you want in your new kitchen. For help in gathering ideas, look up published stories (index, page 4); refer to the scrapbooks you may have. Talk over the possible changes with planning experts, if available.

Photographs: Stanley

Here's a sample "before" plan



Wall switch
Double electric outlet
Special-purpose outlet
Wall light
Ceiling light
Regular door
Swinging door
Double-hung window
Casement window
Ventilating fan
Radiator
Telephone
Gas-pipe outlet

CAREFUL MEASURING will pay big dividends and save time in planning later. Follow tips below to avoid pitfalls.

Draw plan of your kitchen to scale (½ inch equaling one foot), as shown at lower left. Also mark thickness of walls, and which are load bearing. Now you are ready to decide on a new arrangement of appliances.

To help you, cut paper squares to scale of range, sink, refrigerator, other equipment (see picture at left). With "before" snapshots to study, move paper appliances around to find a plan you like and one that will work, too.

Consider possible structural changes you might wish to make, and cabinets you'll need for your newly planned work centers. Then draw in best plan.

Better Homes & Gardens Home Improvement Contest entry form has graph paper, scale ruler, ideas galore to help.

Tips for measuring accurately

1 Use rigid measure, such as steel tape or yardstick.

2 Record the dimensions on rough floor plan in inches (don't drop fractions!) as you take measurements.

3 Start measuring from a corner and continue around room. Measure from wall to wall at about counter height (36 inches)—*not* at baseboard level.

4 Include casings in door, window dimensions, so you will know exact wall space you have for cabinets.

5 Don't forget to note those jutting walls and niches, such as radiators, chimneys, closets, registers, pipes.

6 Measure from window sill to floor for space to use.

7 Check for accuracy by measuring over-all walls from corner to corner. These totals should equal total of the separate measurements you've taken.

More on page 352

4 CYCLE
BRIGGS & STRATTON
GASOLINE ENGINES

Well worth looking for

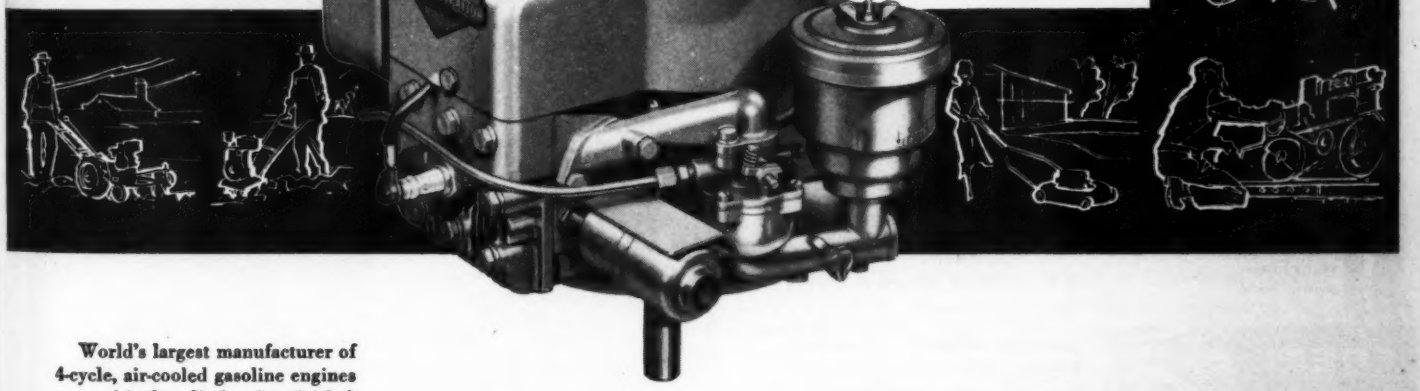
ON ANY POWERED EQUIPMENT YOU BUY

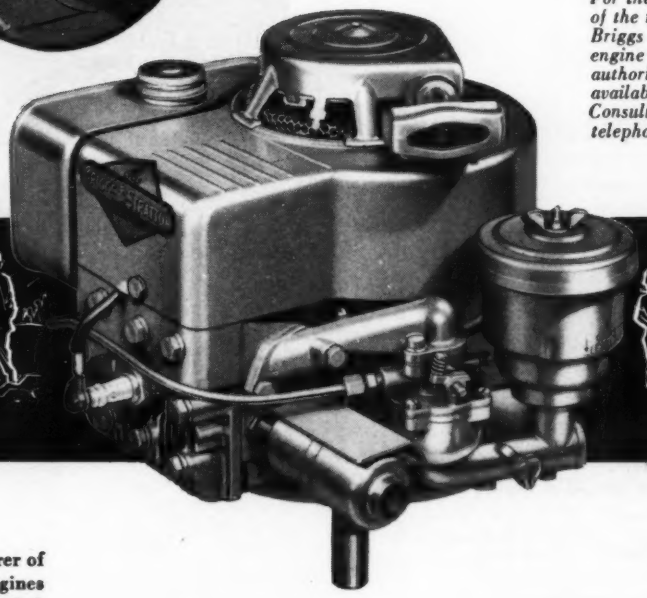
The increasing demand for Briggs & Stratton 4-cycle engines is so great that we've been unable to keep up with it — even though we recently built a huge, new plant, and are making many more engines than ever before.

So today, when you look for a Briggs & Stratton engine on the powered equipment you want — power mower, garden tractor, or other product for home, farm or industry — you may not find one, because there aren't enough to go around . . . but they're still *well worth looking for.*

For the future, we are increasing our facilities to make still more engines — enough of them, we hope, so you can insist on a Briggs & Stratton 4-cycle engine — the world's first choice on any powered equipment.

For the convenience of the millions of Briggs & Stratton engine users, authorized service is available everywhere. Consult your classified telephone directory.





World's largest manufacturer of 4-cycle, air-cooled gasoline engines (single-cylinder, 1 to 8.4 hp) and automotive locks, keys and related equipment.

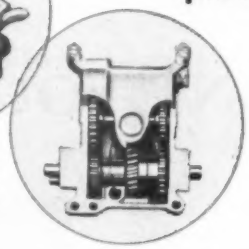
BRIGGS & STRATTON CORP.

MILWAUKEE 1, WISCONSIN

Just touch and mow!

Most rotary mowers must be pushed. The new Moto-Mower "Riviera" propels itself—and provides a variety of mowing speeds, plus free-wheeling!

Exclusive aircraft-type gear shifting and engine throttle levers place instantaneous control at your fingertips!



Moto-Mower's exclusive automotive-type synchromesh transmission provides positive, close coupled, silent worm gear drive.

The New Moto-Mower®

SELF-PROPELLED ROTARIES MAKE MOWING FUN!

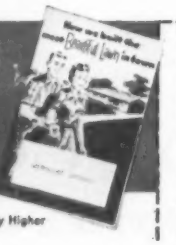
Just a touch of the finger-tip aircraft-type throttle control, and your Moto-Mower self-propelled rotary shifts to the mowing speed you want. Move the gear shift lever, and you're in free-wheeling for quick, easy trimming right up to trees, fences, flower beds. And Moto-Mower's exclusive Dial-a-Matic adjustors make changing mowing heights equally quick and easy. It's all so completely effortless that it actually turns lawn mowing into fun! In addition, Moto-Mower offers such important features as non-scalping design, anti-bending crankshaft construction, friction-disc safety clutches—and leaf mulchers if desired.

The "RIVIERA"
18" Non-Scalping Self-Propelled Rotary

See the YELLOW PAGES for your nearest Moto-Mower Dealer

12 ULTRA-MODERN REEL AND ROTARY MODELS
Priced as Low as $69.95*

FREE! Send coupon for new Lawn Care Brochure



*Fed. Tax Inc. Prices Slightly Higher For West and Canada.

(BH)
Moto-Mower Division, Detroit Harvester Co.
Richmond, Indiana

Please send, without charge, your new brochure on developing new lawns, caring for established lawns, with special tips on mowing, watering, types of grass—and a complete description of the 1956 Moto-Mower line.

Name_____
Address_____
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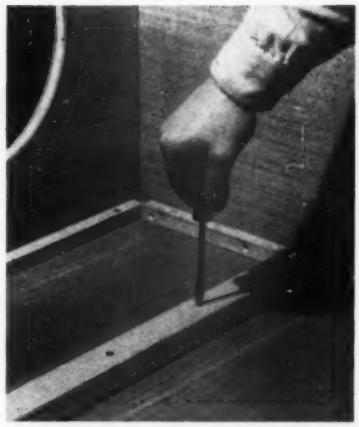
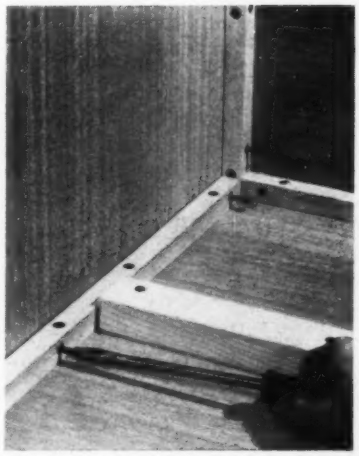
How to build a



To prevent any vibration, brace large surfaces of the enclosure (usually the top, bottom, and sides) with heavy hardwood cleats—5/4x2-inch stock is adequate material.

Precut the braces to fit between the corner cleats, and screw and glue them to panels. Countersink all the screw heads. Braces help stop low-frequency resonances.



Fasten the top to the sides, front, and back after cleats and braces are in place. The bottom goes on after speaker equipment is installed. Clamp joints until the glue is dry.

If any cracks or holes remain in the stock, fill them with matching wood plastic. Heap it in breaks; then sand smooth when dry. For satisfactory results, entire enclosure must be tightly sealed.

Pad interior of the enclosure with a fiber-type insulation. Fibrous side of the material should face interior of cabinet, as shown.

Insulation helps prevent standing waves from being set up inside.

Place it directly behind the loudspeaker, and over one of each set of opposing panels. Use tiny staples or regular hand-operated stapling gun to fasten it in. Avoid hard pounding if you use hammer.

Install speaker and other equipment next. Position the speaker over port, and mark stock for bolt holes. Before you bore holes, double-check measurements for accuracy.

To prevent splitting, clamp scrap stock to plywood to accept bit. Your speaker is a delicate piece of equipment. Be careful not to damage it when you are fastening it on.

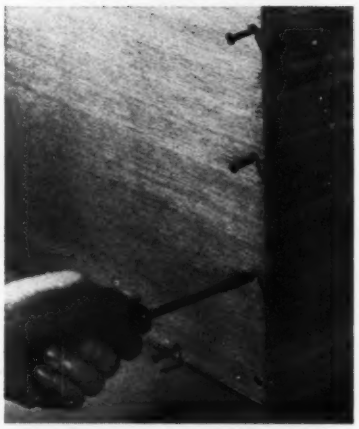
hi-fi speaker cabinet

Begins on page 284

Countersink (or counterbore) bolt holes for speaker on the front of the cabinet so they won't protrude when the grill cloth is stretched over it.

With fine grit sandpaper, smooth ragged edges around port and vent, removing any splintered wood left by saw.

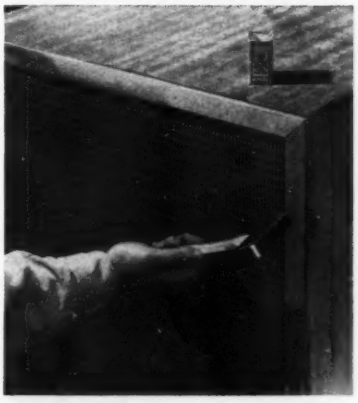
Finishing touches on the edges of the port and vent openings are easy to do with a wood rasp and sandpaper.



Bottom goes on last after the speaker equipment is in.

Screw bottom to front, back and sides, predrilling pilot holes for the screws. Space them every 3 inches, and countersink the heads flush with the stock, as shown.

Don't glue bottom on. It should be removable in the event you want to take out the speaker for service.



Fasten grill cloth along the top edge of the cabinet and stretch and nail it to sides and bottom. To reduce loss of high frequencies, cloth should be porous and lightweight.

Complete job by bradding molding around edges. Countersink brads and fill the holes. You can buy assorted stock moldings at many lumberyards. Or cut your own from matching cabinet wood.

Sand and finish enclosure to match rest of furnishings in room where it will be used.

Your paint dealer will help you choose the best kind of finish for the type of hardwood-faced plywood you used for the speaker enclosure.

Finishing schedule usually involves sanding, sealing, second sanding, and final coat of varnish, enamel, or wax.

NOW-KILL DANDELIONS

without harming grass, flowers, expensive shrubs

THE ONE-AND-ONLY

KILLER KANE®

kills weeds with a squirt!

EASY and CLEAN TO USE! Drop Killer Kane Kartridge into Kane. One Kartridge contains proper strength solution. (Other good 2,4-D solutions work, too.)

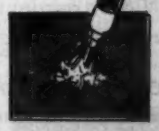
ADD WATER to line marker. No measuring, no fussing. Then kill weeds while you walk around your yard. KILLER KANE is corrosion proof, cannot rust.

JUST PRESS POINT on weed—press—release. No stooping, no digging. Dandelions, plantain, other broad leaf plants are on their way out of your lawn!

NEW, EFFERVESCENT 2,4-D Kartridge MIXES INSTANTLY!

Donaldson KILLER KANE KARTRIDGE works perfectly with KILLER KANE! Mixes itself! Active elements in KARTRIDGE make it "fizz", release 2,4-D in solution. (12 per pkg.) One KARTRIDGE contains *exactly* right amount of weed-killing chemical for one filling of KILLER KANE. You don't have to mix or measure!

NEW! SPECIAL DYE MARKER SHOWS YOU WHERE YOU'VE BEEN



As you use KILLER KANE, a dye marker spots each dandelion and weed. You can tell at a glance what areas you've covered and what you have left to do. Saves you time and steps. Good idea?

Get KILLER KANE at Hardware, Garden or Department Stores!

If not available, send check or money order to:

KILLER KANE $1.98

KILLER KANE 59¢ KARTRIDGES

Donaldson Company, Inc.

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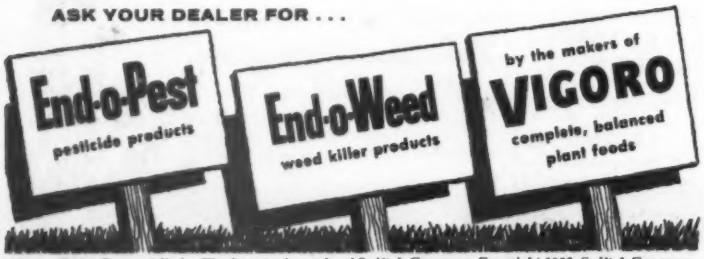
KILLER KANE

SURE DEATH FOR ROSE PESTS!

New End-o-Pest Rose Dust, formulated from remarkable new materials, is the most effective rose dust ever created! Just a few strokes of the dust gun container will control not only all common pests like aphids and rose chafers, but also black spot, red spider and powdery mildew. It gets every known rose insect and disease!* Get End-o-Pest Rose Dust at your dealer's now, in handy, refillable dust gun or economical 3-lb. canister. In addition, there are other Vigoro gardening aids made to control specific pest and weed conditions in your area.

**Cures or preventive measures for control of virus diseases are not claimed, as no cure is possible today.*

ASK YOUR DEALER FOR . . .



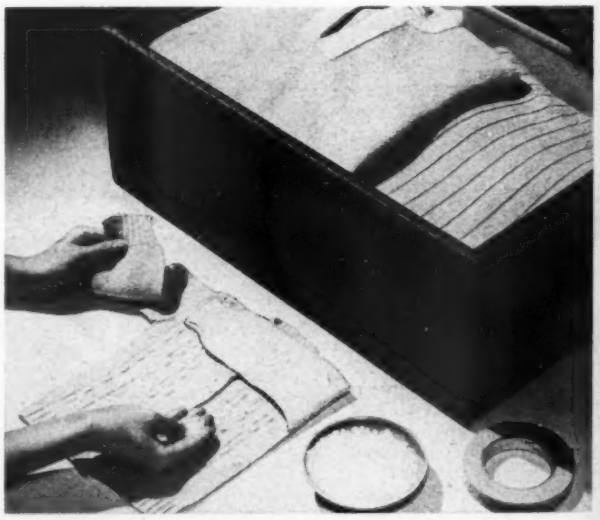
Vigoro, End-o-Pest and End-o-Weed are trade-marks of Swift & Company. Copyright 1956, Swift & Company.

Don't let moths woolgather!

Here's how to get rid of any stray moths, keep their relatives from munching on your clothes when you store them for summer

Outwit the moths. Cleanliness comes first: Wash clothes or send for dry-cleaning. Or air in sunshine; brush with vacuum attachment.

Second comes mothproofing. For washable woolens, add EQ-53 to first rinse, 1 tablespoon for each pound dry woolens. Or wash in a special mothproofing detergent. Cedar chest, freezer, moth crystals, flakes, and sprays work well, too. Or let your cleaners do the job.



Box-in knits. As you know, sweaters and knit dresses hold their shape better when you fold them rather than store them on hangers.

To mothproof, you can sprinkle crystals (paradichlorobenzene) or flakes (naphthalene) between each fold. A pound of either protects contents of a large box. To hold in moth-killing vapors from the crystals or flakes, seal the cover on with tape or gummed paper.

Fill your cedar chest. Just fold clean woolens, store them here, forget about moths. Special rack holds small caps and mittens.

Close-up look at the chest shows its tight, sturdy construction. To give protection from moth damage, red-cedar heartwood should make up at least 70 percent of the chest proper. Of course, another wood, such as walnut or mahogany, can veneer the outside.

Tuck away boots. But clean them first. You can dunk many rubber and nylon boots right in the suds. When dry, brush furry tops.

Wool-lined stadium boots rate a good brushing inside and out. Vacuum-cleaner attachment will reach down inside the toes. Fill wool boots with alternate layers of moth crystals and crumpled paper. Separate boots with paper, store them in boxes or plastic bags.

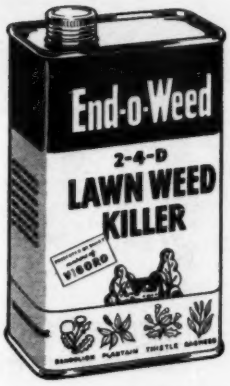
Photographs: Stanley; Hopkins

Use glass jars. Moths may look but they can't get inside. And a peek will tell you what's there—bootees, Dad's Argyles, mittens, scarves. Be sure they're clean, and give them a mothproofing treatment. Actually, flying moths don't eat wool. However, they do lay eggs that hatch into larvae. They're the ones that munch on clothes

More on next page

SURE DEATH FOR LAWN WEEDS!

Got a minute? That's all it takes to mix End-o-Weed with water. Then, as easily as you'd use a sprinkling can, you spray away ugly weeds. Harmless to grass. But it's sure death to dandelions, plantain, buckhorn, and over 100 other kinds of lawn weeds. Thrifty, too! An 8-oz. can treats 1600 sq. ft. Get End-o-Weed today. And when the first weeds appear on your lawn—let 'em have it! In addition, there are other End-o-Pest and End-o-Weed gardening aids made for specific pest and weed conditions in your area.



ASK YOUR DEALER FOR...

End-o-Pest pesticide products

End-o-Weed weed killer products

by the makers of VIGORO complete, balanced plant foods

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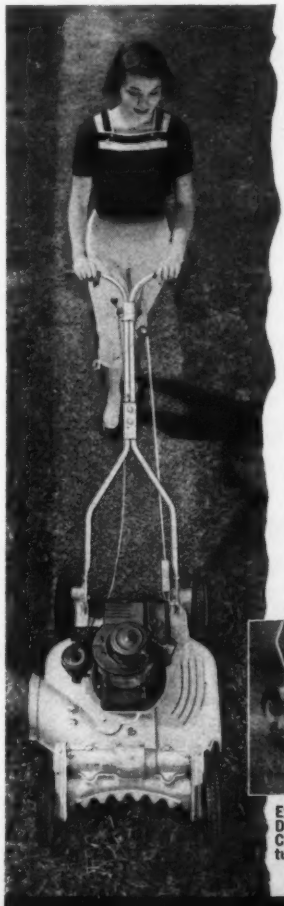

Mowing's Quick and Easy, Too...

with the new Self-Propelled **EXCELLO "400"**

■ No wonder everyone's switching to this new EXCELLO... it takes the **work** out of grass cutting! All you do is guide it ... the heavy duty 2¾ H. P. Briggs & Stratton engine and dual front wheel drive do the rest! Yes, it's quicker and easier to cut **any** kind of grass with the new EXCELLO "400". See it at your dealer's, **today!**

EXCELLO... Caretakers of the Nation's Lawns

Exclusive Dual Front Wheel Drive with Positive-Action Clutch. No pushing! Easy turning! Free Wheeling!

Exclusive Side Trimming Slot and Concave Front... for trimming within ½" of flower beds, trees, walks!

FULL FACTORY GUARANTEE • NATION-WIDE SERVICE

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Here's your first chance to grow the amazing . . .

FERRY'S NEW CENTURY ZINNIA

BRAND-NEW . . . no other ZINNIA like it!

- Developed by a revolutionary new breeding process.
- Saucer-size flowers up to six inches and more in diameter.
- Rich, glowing shades of rose, buff, gold, pink and red.
- At your dealer's Ferry's Seeds display now.

Ferry's New Century Mixed Zinnia will add new excitement and pleasure to your gardening . . . and to your cut-flower arrangements. Yet, with all its extra beauty, it's *so easy* to grow.

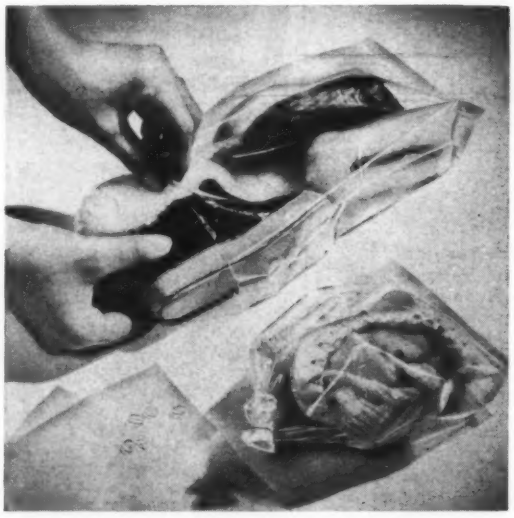
FERRY'S SEEDS

1856 – 1956
Our First 100 Years

Don't let moths woolgather!

Begins on page 346

Hats off! Brush wool ones well with a whisk broom or a vacuum-cleaner attachment. Clean any soiled areas with a good spot remover. Sprinkle moth crystals generously inside each hat and stuff the crown with tissue paper. Then pack away hats. Seal lid onto a box like this with tape



Try plastic bags. These little ones take care of Johnny's slippers. Other sizes hold sweaters, scarves, gloves. Twist each bag closed, fasten the neck with a rubber band. To kill moth life, you can seal articles in bags, leave them in your home freezer 24 hours. Then store packages as usual

Check garment bags. Put only clean clothes in them. And give clothes a good mothproofing.

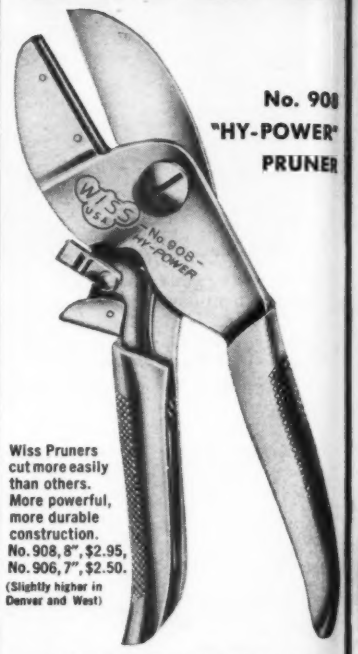
Here, spray does the job; be sure it hits seams and under-pocket flaps so moth larvae can't find a tempting place to take a bite.

Or you could hook a crystal moth cake over a hanger, zip inside bag.

Then seal around top and bottom of slide fastener with tape to keep in the moth-killing vapors.

Finest you can buy!

WISS



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Wiss Pruners cut more easily than others. More powerful, more durable construction. No. 908, 8", $2.95, No. 906, 7", $2.50. (Slightly higher in Denver and West)

J. WISS & SONS CO.,
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Pictorial round-up of latest, smartest ideas in garden arrangement and structures, by famous California landscape architects. Dramatic new planters, terraces, fences, arbors, shelters. Write for **Garden Book**, California Redwood Assn., 576 Sacramento St., San Francisco 11.

America's finest child care guide

The Better Homes & Gardens Baby Book gives symptoms and preventatives, feeding and sleeping schedules, formula preparation methods, behavior and discipline helps with how-to illustrations for easy guidance. Prenatal to sixth year. Complete record section. The perfect gift. Price only $2.95 (Canada, $3.50). Send check or money order to 8305 Meredith Building, Des Moines 3, Iowa.

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SILVERFISH-WATERBUGS-CRICKETS

Kill them the clean, easy way. No mess or odor. Place Hives where insects can find them. They eat bait in protective tube and die. Money back guarantee. Thrifty. Ask for Gator. If store has none, send $1 for 9 Hives. DeSoto Chemical Co., Dept. 5-G, Arcadia, Florida.

Gator ROACH HIVES

Tomatoes anyone? How to grow 'em

Begins on page 332

7. Feed plants 3 or 4 weeks after you set them out. If soil is poor, feed again as soon as plants start to bear.

Use a balanced plant food, such as 6-10-4. Spread it in a band around the base of each plant. Water the plants after each feeding.

Spread the food carefully, keeping it off the leaves if possible to prevent burning.

8. Begin to water the plants as soon as spring rains slack up. Tomatoes have deep root systems, so water liberally.

Add at least an inch of water each time. Tomatoes will tolerate heat, but they won't bear well in most areas without extra water.

If soil is level you can water through irrigation trenches. If not, use a soaker.

9. You can grow good tomatoes without mulching—but mulching makes it easier.

Use grass clippings, straw, or loose hay—any mulch that will hold moisture and keep the tomatoes off the soil.

Mulching is definitely recommended if you do not stake or prune. Get mulch in place soon after you set out plants, before they spread out.

10. If you want ripe tomatoes early—before regular crop, spray the first blossoms with special hormone sprays.

You can get these in small pressure cans or in regular form for use with a hand sprayer, as you prefer.

These hormones make the fruit "set" and mature early. Follow the directions on the label carefully.

YOUR LAWN, planted or re-seeded with Miracle Green, the green coated, "Life-protected" lawn seed, can match the most luxuriant lawns anywhere.

In test plots, under identical conditions, Miracle Green produced 2656 plants while a first-quality *untreated* seed produced only 1302 plants. The Miracle Green lawn was more than twice as thick.

"Life-protected" by a green chemical coating, Miracle Green Seed resists the soil diseases (fungi, rot, bacteria) that destroy untreated seeds. And the vigorous growth of Miracle Green Treated Seed will help choke out crab grass and weeds.

Miracle Green costs no more than other quality mixtures. More dealers than ever before now stock it. Select the blend best suited to your conditions. MIRACLE GREEN, INC., 1218 West 8th Street, Kansas City, Mo.

Sows BEST by TEST

Easy to use. Short, quick strokes spread just the right amount of seed evenly and smoothly.

Enter Now. It's easy. Nothing to buy—no limericks or letters to write. Simply visit your nearest Bolens dealer, fill out an entry blank. Closes midnight May 31, 1956.

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Grand Prize—Trip for 2
All expenses—to beautiful
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WEEKEND at the WALDORF

Contest subject to Federal, state, local regulations.

3rd Prize
Bolens famous RIDE-a-matic tractor

4th Prize
Bolens Super Mustang Tiller

5th Prize
A Bolens Power Rotary Mower

This is National Bolens Month
Ask your Bolens dealer to show and demonstrate the leading line of outdoor power equipment.

BOLENS PRODUCTS DIVISION
Food Machinery & Chemical Corp.
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Now! A sprinkler that waters the exact shape of your lawn without being moved!

Waters any rectangular lawn up to 40 x 60 ft. on a single setting. Just set Swingin' Spray and forget it! You needn't ever move it. Its deep, penetrating spray develops luxurious, greener lawns. Three models starting at only **8.95**

MELNOR METAL PRODUCTS CO., INC. Dept. B6
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Save Precious Weekend Hours with these DISSTON Garden Tools

DISSTON Spring-Action Lawn Rakes

Famous Disston "spring-action" lets you clean-comb your lawn without stress or strain. Flexible teeth won't catch in roots. America's favorite type rake. **Two sizes: Hers (18 teeth) $3.30.* His (24 teeth) $3.95***

DISSTON "Fast Cut" Hand Pruner

With tempered steel blade and aluminum anvil, this lightweight pruner cuts and snips without bruising. Specially contoured for your hand and wrist comfort. **Ask for Disston's No. 327 "Fast Cut" $2.95***

DISSTON Handy Hedge Shear

These fine steel blades are tempered to take the measure of the toughest hedge. New rubber bumpers cushion closing action. Hand comfort handles. **Ask for Disston's No. 41 Hedge Shear $6.25***

*Prices vary slightly in some localities.

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DISSTON HKP

Today's house can really take it!

Continued from page 301

How to get plans

Better Homes & Gardens Five Star Home No. 2605 (about which you've just read) is one of a series of one- to four-bedroom homes published each month which make up our Five Star Home Plan Service. This service—through which you can purchase complete plans—includes the following features:

★ **Designs by America's foremost architects,** ranging in style from Cape Cod to Contemporary. And all are planned to give you the maximum in comfort, convenience, beauty, and *value* for your dollar.

★ **Detailed working drawings,** from which your builder will erect your home, are complete in every way. The cost is *$7.50 per set,* and includes . . .

★ **Complete specifications** that outline quality of materials and workmanship that will assure sound construction; and . . .

★ **Builder-owner agreement,** a suggested legal contract which will ensure that your home is built as specified.

★ **Cost-finding list of materials.** (List is available at *25 cents* purchased separately.) With this list, your builder or building-materials dealer can compute in advance the cost of your home.

These Five Star home plans may be ordered from the firms listed on page 263. In many localities, you can order these plans through your building-materials dealer. Or, you can buy them direct from *Better Homes & Gardens,* 1714 Locust Street, Des Moines 3, Iowa.

Apron strings

Oh, hush, my dear, and let them go
For youth will not be tethered.
Remember we were much the same
Before our nest was feathered.

Each one must find his niche in life
And test his own young powers.
We cannot carve their dreams for them,
Nor yet bequeath them ours.

So close the door, and be content
To choose your favorite chair—
We have peace, tonight, and love,
And memories to share.

—*Geraldine Everett Gohn*

More Power for TOUGH JOBS!

Gravely Rotary Mower attachment makes the toughest mowing jobs *easy.* Lawn or weeds, cut 30-inch swath fast and clean with suction-tip, file sharpened knives.

Gravely does jobs other tractors won't . . . because the 5-HP Gravely has the *extra* power that makes tough jobs easy.

Let us show you the advantages of the Gravely's *extra* power . . . all gear drive . . . power reverse . . . your choice of 23 tools. Push-button Starter optional.

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ROTO-EDGER ROTARY LAWN SHEARS

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For faster, easier grass trimming, edging. Self-sharpening precision blades, sturdy handle, rubber tires. Quality built, guaranteed. Three models: Standard $3.95; Universal $5.95; Deluxe $6.95; prices lower west of Rockies.

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OREGON SAW CHAIN CORP.
ROTO-EDGER DIVISION
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R-D Clears and Prevents Root Blocked Sewers

Money Back Guarantee

Eliminates digging.
At your Plumbing or Hardware Dealer. Only $3.95 2-lb. box.
Send for free booklet.

Do you need help with these problems? Home planning, building, decorating, furnishing, remodeling? You'll find friendly help, without cost, in the Home Planning Centers of stores listed on page 263.

IRIS & DAYLILIES
Beautiful Catalog in Natural Colors FREE
EDENWALD GARDENS, Dept. B, Vincennes, Ind.

Now's the time to . . .

Begins on page 322

and perennial flowers. . . . Dust DDT or lindane on the soil around primroses, strawberries, camellias, azaleas, and rhododendrons to control Strawberry and Black Vine Weevils. . . . Take cuttings to root of creeping phlox, iberis, aubretia, and other rock plants when they have finished blooming.

Lawns: Control broadleaf lawn weeds if established, with 2,4-D weed killer. Wait until new grass seedlings in the new lawn have been mowed 3 times before applying 2,4-D. . . . Complete seeding of new lawns as soon as possible.

Texas and Southwest

Trees and shrubs: Plant the frost-resistant cabbage palm along coastal region of Texas. Enrich the planting pocket soil with compost or wet peat. Keep it watered and feed lightly in midsummer.

Annuals, perennials, bulbs: Divide and reset all crowded iris clumps to allow them time to get established before hot, dry weather. . . . Check your new seedlings daily and water them as needed. . . . Pinch back tips on fuchsias, poinsettias, mums, coleus, and other bedding plants for low branching, shapely bushes, and more flowers. . . . In the Phoenix area, keep watering summer annuals to keep them blooming well. . . . Support dahlias, lilies, and other tall plants that may be damaged by strong winds. . . . Mulch gardenias, azaleas, and camellias with oak leaves, peatmoss, or leafmold.

Lawns: Spray the lawn with dieldrin or chlordane to control lawn insects. . . . Install permanent edgings along your borders to prevent invasion of Bermuda grass. . . . Fill in low spots in your lawn with a mixture of sand and fine peat. . . . Start a spray program using the new crabgrass chemicals to control crabgrass seedlings in your lawn.

Planning ahead: Hang a calendar near your tool storage to check off dates when you spray. . . . Look for vacant spots in your borders and decide where fill-in plants such as petunias, coleus, and fancy-leaf caladiums can spark them up. . . . Root stem cuttings of geraniums, and leaf cuttings of succulents and begonias to replace old, unsightly plants later.

South and Southeast

Trees and shrubs: Root new pyracantha, leucothoe, and other favorite shrubs by drawing lower branches to ground, and covering sections with soil. Or take tip cuttings and root under glass jars or under plastic coverings out of direct sun. . . . Spray azaleas with lindane or other good insecticide to control lace bugs. Give two applications 10 days apart, making sure to direct spray to the underside of the leaves. . . . Renew mulches around your evergreens, boxwood, azaleas, and shallow-rooted plants as insulation against summer heat. . . . Buy potted varieties of hibiscus in bud, and plant them in important spots to give all-summer bloom.

Annuals, perennials, bulbs: Continue planting gladiolus bulbs every 2 weeks until mid-June to provide a continuous supply of cut flowers. . . . In Florida, now that flowering shrubs are through blooming, plant coleus, amaranthus, and other foliage plants to add color to your border. . . . Record daylily varieties now beginning to bloom and choose varieties for your own garden. You can plant them any time during the season, but late summer and early spring are preferred. . . . Stake tall perennials to help them weather summer storms.

Lawns: Set out colonies of groundcovers where shade is too deep to grow good grass. Sow sunny lawn areas to hulled Bermuda seed in all sections. Continue to plant sod and sprigs of zoysia, centipede, and St. Augustine grasses.

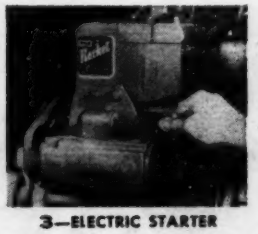
Expect your *Eclipse*® mower to START EASIER and last longer

NOW! CHOICE OF 3 INSTANT STARTERS

Eclipse reel type power mowers come in 18, 20, 21, 25 and 32 inch sizes—with riding sulkies for the big ones.

1—ROPE STARTER

2—RECOIL STARTER



3—ELECTRIC STARTER

From the very start . . . Eclipse gives you something extra! You've learned through the years to *expect* the best performance when you buy an Eclipse. But did you know Eclipse actually *costs you less to own?* That's what your neighbors who have used Eclipse year after year say. Why not ask the family that has one . . . then see your dealer and get your *own* Eclipse mower!

A *complete* line of reel, rotary and sickle bar power mowers . . . hand models, too! Write for free folder today!

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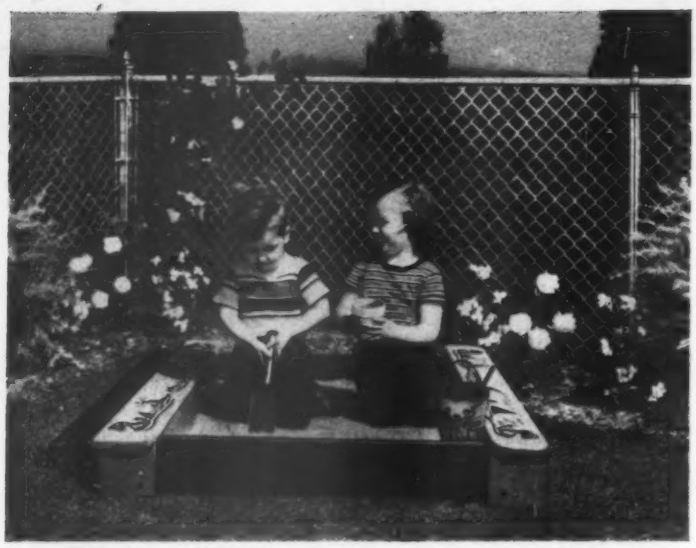
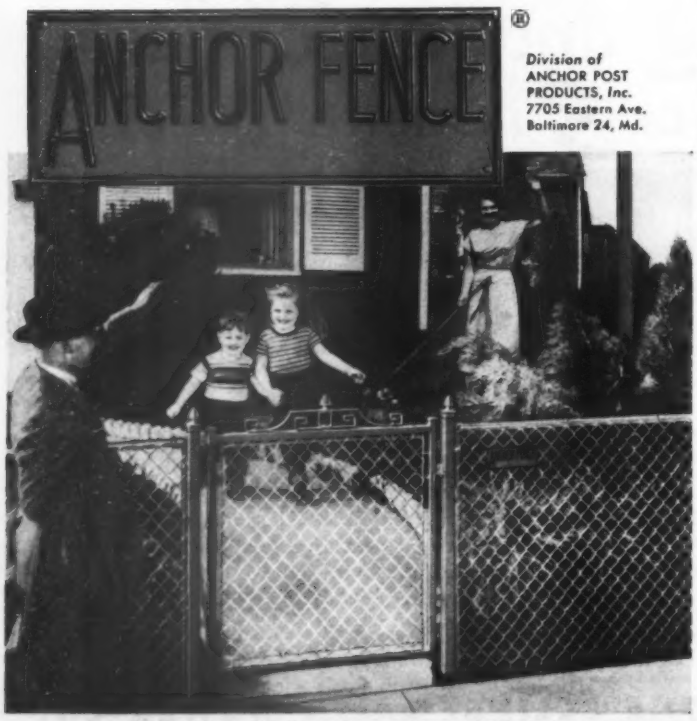


Give your family outdoor protection for a lifetime!

You'll enjoy more peace of mind with a lifetime Anchor Fence to protect your family.

Anchor Fence keeps children and pets safely inside —trespassers and unwanted animals stay out. What's more, Anchor lends new beauty to your grounds. It's an ideal framework for flowering shrubs and vines. Just be sure to insist on Anchor—the fencing zinc-coated *after* weaving, not *before*—for longer life. For a free estimate on an Anchor Fence, call the office nearest you or write to the address below.

"Permanent Beauty for Your Home"



Division of ANCHOR POST PRODUCTS, Inc. 7705 Eastern Ave. Baltimore 24, Md.

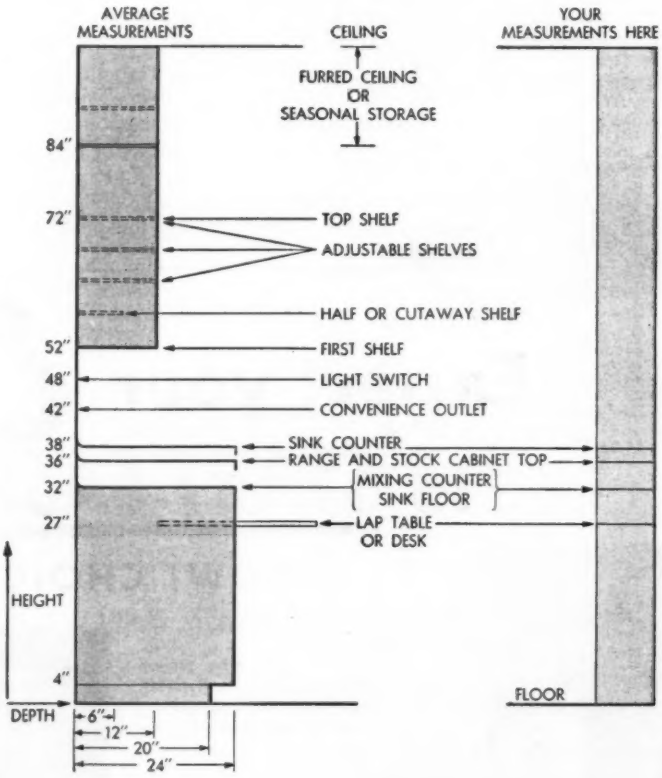
Plants in Baltimore, Md.; Houston, Texas; and Los Angeles, California
Branches and Warehouses in all principal cities

How to go about

DO YOU want more storage, better arrangement of the cabinets you have now? When replanning, organize work counters, cabinets to suit you. Mixing, washing dishes, rolling pie crust are best done at varying counter heights.

As a guide for "tailoring" your storage, check chart of average measurements below, jot down your special needs on the right side. Also, keep these pointers in mind:

- ▶ Store items at place where they'll be used.
- ▶ Use accessories (racks, files) on shelves and in the drawers to organize utensils, bowls, supplies.
- ▶ Cabinet over refrigerator is hard to reach, so store seldom-used articles there.
- ▶ Adjustable shelves are excellent, adapt to your needs.



Where shall we eat in the kitchen?

Place eating area near dining-room door, separate from working end of kitchen. If you have a table and 6 chairs, an area 6½x8 feet is required; if built-in benches and table to seat 4, use a 4x5½-foot space

Answers for the too-small or too-large kitchen

If too small, take out walls, let adjoining areas come into kitchen. If too large, divide kitchen with island or peninsula, maybe new wall

Work space is so important

Be sure to have some work counter next to range and refrigerator

Doors can be a problem

Cut number of doors to two, group at one end of room, if possible

Other storage tips

Provide 6 square feet of shelf space for each person, not less than 18 square feet total. Add 12 square feet more for entertaining items

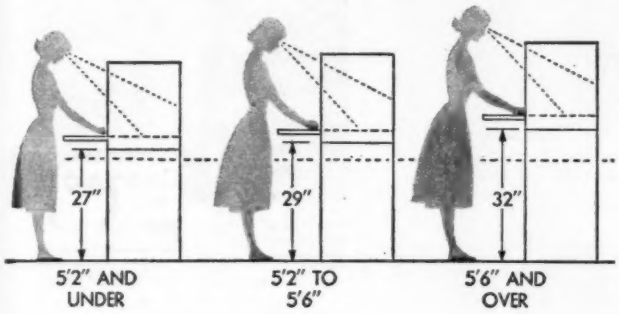
improving your kitchen

Continued from page 342

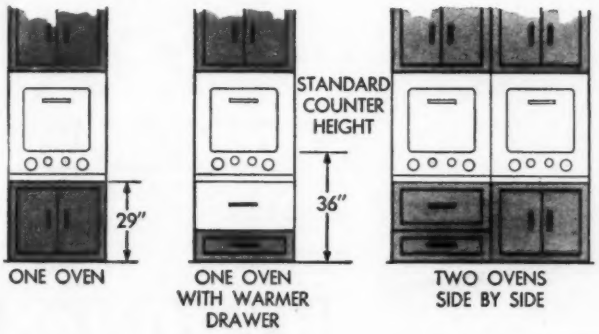
BUILT-IN OVENS are available to install in cabinets or walls, and as stack-ons with finished tops and sides. Just think of all the ways to arrange these oven units—in islands, peninsulas, in a wall, side by side, or as a divider.

To measure the most comfortable working height for you, place oven interior so that your hand is about level with your elbow, when you're removing roast or casserole. A good rule for the 5′4″ woman: Have bottom of oven door in line with nearby counter (36 inches high).

Pick the right oven height for your size



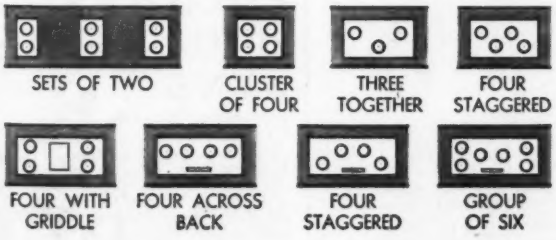
Three good oven arrangements



COOKING TOPS come in wide choice of styles, will fit most kitchen plans. Drop-in and drop-down units may be set along the wall, in peninsula or island cabinets, next to divided oven or across the room from it. Set tops in counter near eating area to save steps. Fold-away units save space.

You can also build these tops in at ideal height to let you relax while working—no stooping or raising your hand above elbow level. Average counter height is 36 inches, but short or tall women can have top at custom height.

A variety of cooking top "patterns." Take your pick



More on next page

Illustrated, the Lawn Patrol, *by Johnston*
18 inch and 21 inch cutting widths

There *is* a difference in power lawn mowers—in cut, in easy handling, in smooth power, in steady performance. That's why you see so many more Johnston mowers on the better looking lawns about town. A visit to your Johnston dealer will convince you of its many advantages. And you will be surprised at the modest price ticket for such high quality.

JOHNSTON JACOBSEN WORTHINGTON

Johnston LAWN MOWER CORPORATION

Department BHG-5, Brookhaven, Mississippi

Subsidiary of Jacobsen Manufacturing Company, Racine, Wisconsin

Don't Let Expensive Shrubs Wither...Even Die In

Heavy Soil

Valuable plantings can slowly choke and die in heavy soil. But why worry? A few pennies worth of Terra-Lite vermiculite performs a garden miracle...loosens, aerates soil...lets roots stretch, breathe. Holds water in sandy soil, too! Plants thrive ...turn deep green again! For example an evergreen worth $20.00 can be protected with as little as 10¢ worth of Terra-Lite.

IRISH JUNIPER $14.50 Terra-Lite 15¢

FREE BOOKLET... tells how one-third Terra-Lite mixed with two-thirds soil can keep your garden gloriously green. As little as $2.35 of Terra-Lite conditions 200 sq. ft. of soil.

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Nature's Own Soil Conditioner

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Please rush me free booklet telling how pennies for Terra-Lite will protect the dollars I spend for garden shrubs, flowers, etc.
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On Sale At Garden Supply Dealers

EDMONT **green thumb**

98¢

magic gloves for gardening hands

Chamois-soft and so comfortable, yet guaranteed to outwear all other garden gloves of similar price. Ideal, too, for painting, dusting, driving. Dirt repellent and washable. Men's and women's colors and sizes.

NEW: girl friday®

WATERPROOF house and garden gloves of knit-lined plastic. Keep your hands lovely. Soft and flexible, yet so long wearing they make rubber gloves old fashioned. $1.29 everywhere.

Edmont

Edmont Mfg. Co., Coshocton, Ohio

Hi there

sit while you cut the grass

take it easy with *MOW Cycle*

Enjoy complete lawn care without walking — just ride *MOW Cycle*. Cut grass smoothly with the rotary blades safely housed beneath the heavy steel floor plate. Or hitch on rear attachments and let that sturdy motor under the streamlined hood take over the labor of sweeping, rolling, spiking, seeding, fertilizing and hauling. Even the most inexperienced operators are safe with *MOW Cycle*.

All moving parts shielded; controls so simple that everyone handles them expertly on first try. Entire machine soundly engineered, completely practical. Thousands put in use during past five years. Two new models for 1956. Each has 3 hp. Clinton engine and recoil starter. Cut full 24" swath; speed to 5 mph. Seat most comfortable you ever rode on. See *MOW Cycle* at your dealers soon.

MOW Cycle "24" ..... **$289.50** at factory

MOW Cycle "Cadet" ..... **$209.50** at factory

Your dealer adds freight and local taxes. Prices slightly higher in the far west.

Don't go another summer without MOW Cycle — *the machine that makes lawns a pleasure instead of a care. Mail the coupon today.*

Musgrave, Inc., Dept. 1556, Springfield, O.

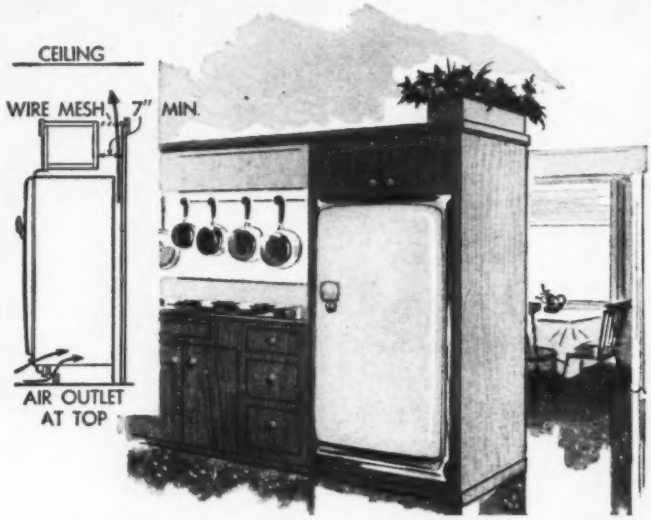
Please send free catalog on *MOW Cycle* models and all attachments for same.

Name _____

Address _____

How to go about improving your kitchen

Continued from preceding page



Consider the new refrigerators. Gain smart appearance of built-in refrigerator by building cabinet or wall around conventional model. Provide grill, correct venting for efficient operation (see the diagram)

In a wall. You'll find refrigerators and freezers to set in walls. Place side by side; stack up vertically, as shown; or divide them to use on different sides of kitchen. The freezer is separate from the refrigerator

On a wall. "Disguise" refrigerator location with this horizontal type that blends with kitchen cabinets. Foods are stored at eye level. Counter below is handy landing top for jars, bottles, other supplies

More on next page

ALUMINUM & WROUGHT IRON

Bird Bath by Carlco

ADDS THE CHEERFUL TOUCH OF WINGED VISITORS

New charm for your home . . . with this "Carlco" Bird-Bath in your lawn or garden. Bowl snaps on! Legs insert into ground! It's that easy! 31" high. Non-slip ribbed aluminum bowl is 17" in diameter.

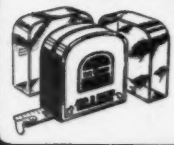
At Variety, Garden Supply, Hardware and Dept. Stores . . . or wherever Garden Supplies are Sold. ABOUT $6.50

If no dealer is available, write to:

CARLISLE MANUFACTURING CO., INC.

109-135 Meeker Ave., Newark 5, N. J.

Insist on *Evans* TAPES KING-SIZE At your hardware store



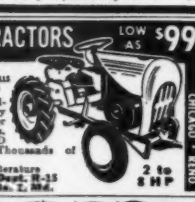
6-ft. only $1.49

34" wide blade stands up straight for one-man upright measurement.

Also available in 8, 10, 12-ft. lengths with free plastic utility case.

EVANS RULE CO., Elizabeth, N. J. 3066

ESHELMAN TRACTORS LOW AS $99



Eshelman Tractors, Tillers, Riding Rotary Mowers for Better Lawns and Gardens. Advertised in GOOD HOUSEKEEPING. Thousands of satisfied users.

Write for Free Literature ESHELMAN CO., Dept. H-15 389 Light St., Balto. 2, Md.

2 to 8 HP

Shipping Points: BALTIMORE, CHICAGO, RENO

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YOUR CHANCE TO DEVELOP NEW, VALUABLE VARIETIES — WIN PRIZES! Normal mutation of seeds speeded tremendously by ATOMIC RADIATION. Irradiated Zinnias, Geraniums, Marigolds, and Petunias. Send 50c for 1 GIANT packet or $1.50 for all 4. (Only small percent of mutations are beneficial; most merely STUNT or distort the plant). FREE biogenetic literature with order. INDUSTRIONICS, INC. P.O. Box 48, Mercer Island, Wash.

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Grows Better Plants in Soil, Sand or Water

Simply dissolve and water all your house plants, garden flowers, vegetables, shrubs and lawn. Feeds instantly. If dealer can't supply send $1 for 1 lb. Makes 100 Gals.

Guaranteed by Good Housekeeping

HYDROPONIC CHEM. CO., Copley, Ohio, U.S.A.

FAMOUS MEYER Z-52 ZOYSIA

- Crowds out weeds and crabgrass.
- Amazing new lawn grass — stays green under scorching summer sun
- Air shipment! Write Dept. E for illustrated information.

The Turfgrass Farm

4961 E. 22nd ST. • TUCSON, ARIZ.

CHLORDANE

KILLS LAWN & GARDEN INSECTS

AMERICA'S PREFERRED INSECTICIDE . . . ASK YOUR DEALER FOR CHLORDANE!

How to go about improving your kitchen

Continued

These hidden treasures make work easier

Drop-in metal bins hold flour and sugar in deep drawer near baking center. No stooping with drawer set near top. Remove bins for cleaning

Trays find a home in just a mite of space in base cabinet. Here they stand upright, are easy to remove, and are out of way when not in use

Roll-out drawers are tops for base cabinets. All utensils can be seen, reached easily. The drawers have special rollers so they glide smoothly

Photographs: Stanley

Turnaround shelves solve dead corner space, are ideal for canned foods. Want that can at the back? Just whirl shelf, around it comes to you

Mixer platform pulls up and out of base cabinet for use at a convenient working level. Plan an electric outlet in cabinet for a quick plug-in

More tips for planning work centers on page 363

BEST

for applying any pesticide

HUDSON® SPRAYERS AND DUSTERS

They're best because with HUDSON equipment you can apply chemicals most effectively and without waste. Chemicals go further! This means real savings. And HUDSON products are built of finest quality materials to serve long at low cost...and save time and work. This SIMPLEX® Compression Sprayer, for example, is easy to fill, easiest to seal leak-tight, and simplest to use... *the higher the pressure the tighter the seal!* Easiest to pump: 7 strokes do work of 10. Safest to use! Has work-saving features no others have.

FAVORITE® Compression Sprayer is favorite garden sprayer. Light, handy 2-gal. size. Features: Nu-Action* pump, 5-ft. hose, adjustable nozzle, Saf-T-Lok® cover.

SUBURBAN*—The 10-gallon power sprayer at a 5-gal. price! Takes all work out of spraying any solution, anywhere! Has positive piston pump, dasher agitator, 5-Spray* nozzle.

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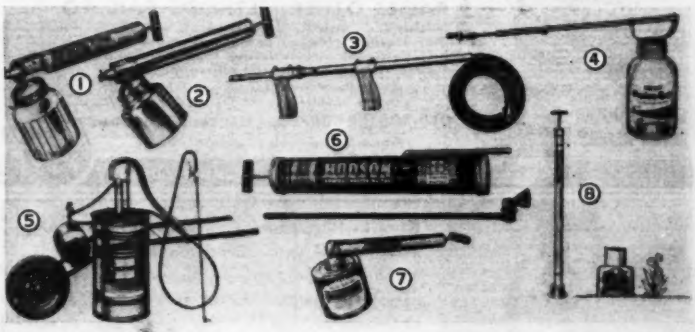

(1) CRITIC® has 2-Spray® nozzle, interchangeable glass jar. **(2) ECLIPSE*** all stainless steel sprayer. Has 2-Spray nozzle. **(3) TROMBONE®** Sprayer sprays fog to long-range stream from any container for any purpose. **(4) HYDRA-GUN®** Sprayer for fine to coarse spray. Continuous high pressure, shoots 25 ft., ½-gal. jar. **(5) PORTA-SPRAYER*** 17½ gal. High pressure. **(6) ADMIRAL*** world's best-known hand duster! Applies dust perfectly in garden or home. **(7) NEBU-LIZOR*.** 4 jets for greater kill of flying insects. **(8) WEED-SHOOTER*** is a spot-sprayer for killing lawn weeds. Puts spray on weed in a single stroke; shield protects nearby sensitive plants. A great labor saver!

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ALSTO CO. Dept. BH-5, 4007 Detroit Ave., Cleveland 13, Ohio

Shopping by Mail

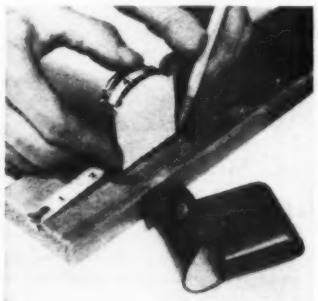
with Better Homes & Gardens

Kitten in caricature is a tongue-in-cheek replica of a Siamese cat—blue eyes, whiskers, and all. He's a dinner bell, sounds a dainty tinkle instead of the hearty clanging of Grandma's day. $4.10, ppd.

Four Seasons Book Shop, 17 W. 8th St., New York, N.Y.

Accessory for a bright, new kitchen: copper spice rack holds four stoneware jars (in two tones of gray). Set keeps marjoram, thyme, basil, oregano—musts in any gourmet cupboard. $5.50, ppd.

Bob Jaffey, 190 W. 4th St., New York, N.Y.

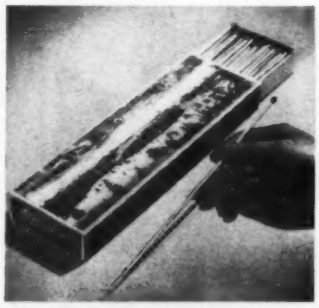


For up-coming Father's Day: 78-inch tape measure has a dial on top for easy reading, and a serrated wheel on the edge to mark the work with measurements indicated. It comes in a leather case. $5.95, ppd.

Dale Fifth Ave., 719 Fifth Ave., New York, N.Y.

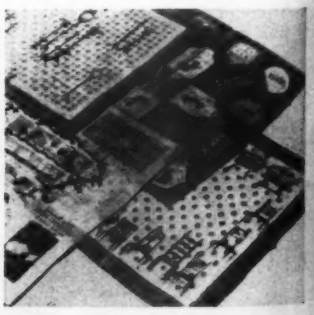
The gal who gardens will like these jaunty boots for all-weather protection. Tops are multicolored striped denim, bottoms are plastic vinyl. Boots are feather-light. Small, medium, large; $2.95, ppd.

Decor by Delanor, Fort Dodge, Iowa.



It's folly to flirt with fire, so arm yourself with king-size matches—11 inches long—before you spark the flame for barbecue. The box is half the treasure; it's a scenic etching of Stockholm. $1.95, ppd.

Leita, Box 153, Wauwatosa 13, Wis.



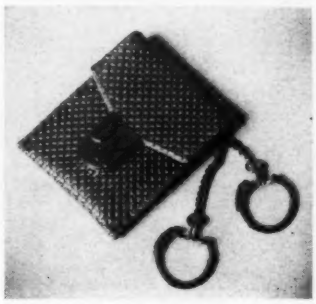
Hankies feature illustrated antiques. Chairs and hatstands against a calico print, $1.50 the pair; old transportation and store signs, $1.25, and antique bird cages, $1.25, ppd. Pure linen, vivid colors.

The Vermont Crossroads, Waterbury, Vt.

Take a tour of the nation's most exciting and unusual shops. Here are the items they have selected to bring you enjoyment this month

Pencil with a brain measures straight, zigzag, or contour surfaces, mechanically computing distance in inches on the barrel scale. Try it on road maps, golf putts. $1.95, ppd.

Gift Horizons, Dept. D-8, 475 Fifth Ave., New York 17, N.Y.

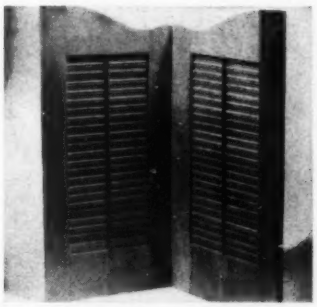


A cautious miss never ventures out without her mad money. Best bet for carrying the coin is this gold-mesh coin purse, nontarnishable. It sports her initials and a handy key chain. $2.95, ppd.

Aimee Lee, 545 Fifth Ave., New York 17, N.Y.

Crystal bud vases are hand-blown. They stand 6½ inches tall, perfect for long-stemmed posies, festive for your May party table. The pair is $2.95, ppd.

Art Colony Industries, Inc., 9 University Place, New York 3, N.Y.

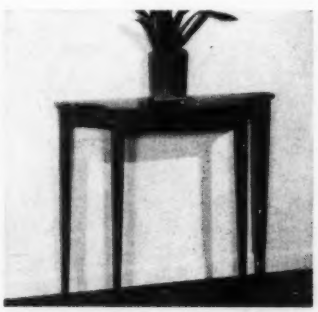


Swinging bar doors are sanded pine, have the appearance of movable shutters. Door measures 32x36 inches. $11.95, ppd. (Other sizes available.)

Columbus Furniture Co., 950 Columbus Ave., San Francisco, Calif.

Oriental rice bowls are eggshell thin—white porcelain china. Blue stork design embellishes. Each stands 2½ inches high. $2.50 a pair; 4 for $4.95, ppd.

Bowman's, Dept. BH, 2477 Lombard St., San Francisco 23, Calif.



Ever sought a piece of furniture that's slim and graceful enough for a narrow hall? Here it is—a console table in golden pine that's only 11 inches wide, (36 inches long, 31 inches high); $40 express collect.

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Easier care . . . more light and air! Your African Violets or other flowers are never crowded, always beautiful, in this charming 36 inch all steel stand. Wheel revolves so all 12 plants are always upright and visible. Stunning decoration, indoors or out. Won't tip. FREE circular showing styles, colors, etc. NO OBLIGATION. WRITE
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at Savings up to ½
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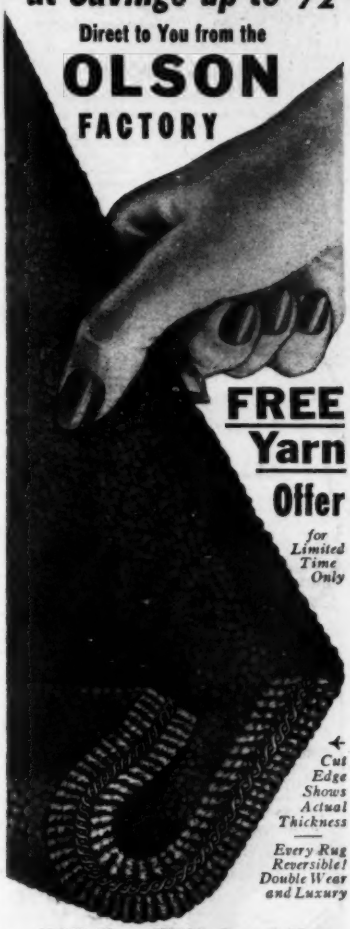

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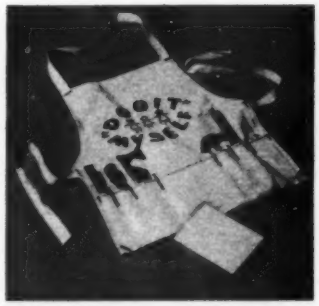


Tot's apron has a get-down-to-business air that will make a youngster feel his responsibilities. Canvas pockets contain toy hammer, saw, screwdriver, wrench, ruler, scratch pad, carpenter's pencil; $2, ppd.

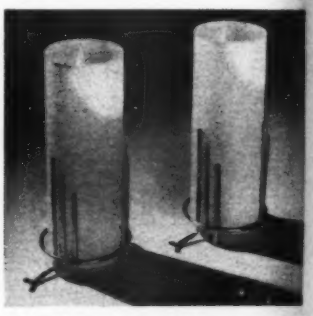
Jenny's Workshop, Box 656, Lafayette, Calif.

Bundle for brides includes a complete spoon trousseau—eight natural pine spoons for every purpose (including a pastry edger and two canister scoops), plus a peeled-birch sauce whisk; $5, ppd.

Ward Phillips Co., Carpentersville, Ill.

Planter keeps your plants watered for 30 days running. Fill the reservoir with water, and the wick furnishes a regulated supply to greenery. White and black; $2.95, ppd.

Carol Beatty Co., 7410 Santa Monica Blvd., Los Angeles 46, Calif.



Hurricane lamp's a modern version of an old favorite. Frosted glass chimney houses a candle in a newsy way, gold-plated frame embellishes. Lamp measures 9 inches high; the pair is $5, ppd.

Daycor, Inc., 1133 N. Milwaukee Ave., Chicago 22, Ill.

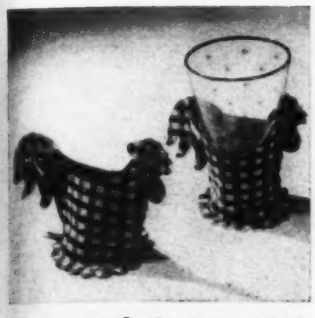
Masterpieces in miniature—Gainsborough's "Hon. Mrs. Graham," Gerard's "Lady in Pink," Nattier's "Sophie de France," and Lawrence's "Lady Belgrave." Set of 4, $6.30, ppd.

Laurie & Co., Dept. BH, 507 Fifth Ave., New York 17, N. Y.

Honeymooner's special is a music box that frames a wedding invitation (or wedding picture), plays either the Anniversary Song or Wedding March. Please specify. Frame is antiqued gold; $10, ppd.

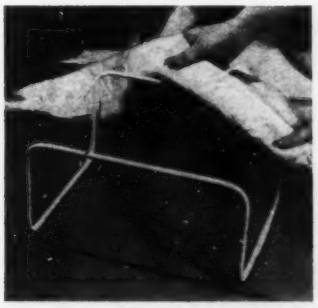
Here's How, 27 E. 22nd St., New York 10, N.Y.

Take a tour of the nation's most exciting and unusual shops. Here are the items they have selected to bring you enjoyment this month



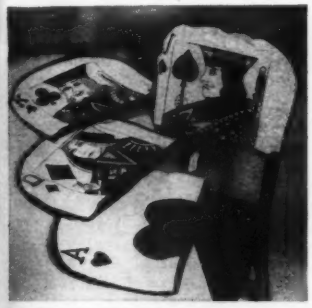
Cute enough to crow over, cocky roosters protect your table top. They're gay coasters, in jaunty red-and-white-checked gingham. Coasters stand on felt bases. Set of 6 is $3.50, ppd.

Carol Stupell Ltd., 507 Madison Ave., New York 22, N.Y.



Tangled covers can blacken the mood of even the best-natured baby. This handy blanket support lifts the covers 6 inches above the mattress, gives him room to kick. $3.25, ppd.

Better Sleep, Inc., Dept. BH, New Providence, N. J.



A royal flush of chair-back covers makes for a gala card party. Ace, King, Jack, and Queen are foam-rubber padded, backed in solid red, green, or brown. Covers are washable. $5.50 the set, ppd.

Art Anson, 1901 So. 12th St., Allentown, Pa.

The $64,000 question—how to hang on to that elusive charge-plate. Keep it corralled permanently. Key ring has a special brass box to hold a charge-plate you won't lose. At $1, ppd.

Camalier & Buckley, 1141 Conn. Ave., Washington 6, D. C.

Antique collectors will love to record and picture their treasures in this pretty scrapbook. Linen cover is cross-stitch titled "My Antiques," or "Our Antiques"; $5.95, ppd. Slightly higher west.

Mary Berner-Arts, 217 Third National Bldg., Dayton 2, Ohio.

Saucy sea horse adorns a felt case to hold your specs. Sequined and spiny, he's colored to contrast with chartreuse, black, red, royal blue, or pink background. Single case is $1. Double, $1.75, ppd.

Willow Knoll Crafts, Box 311, Nyack, N.Y.

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Sunshoen Bouclé: an airy Chromespun fabric with gold Lurex stripes.

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indoors and out!

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So you can *plan* before you plant or prune.

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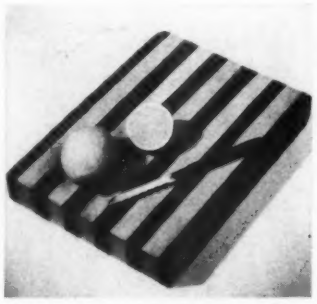
Graduated funnel helps you pour salt without spilling (particularly handy when filling a salt shaker). An elastically controlled valve releases just the amount you want. 49c, ppd.

Spencer Gifts, 5 Spencer Bldg., Atlantic City, N. J.

If office-bound Dad gets blue, this will perk him up. His favorite photo inlaid in glass makes a treasure of a paperweight. Send photo or negative; $3 (additional weights with same picture $1.50, ppd.)

Giftcraft, 1234 E. 47th St., Chicago 15, Ill.

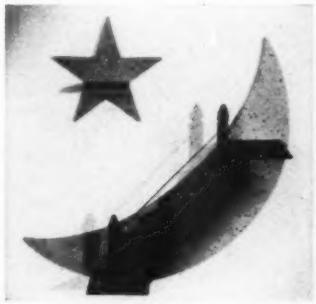


He-man chopping block is made of alternating strips of light and dark tropical hardwood, laminated into a solid block. It's beautifully grained, measures a king-size 9x 12x1⅝ inches thick. $9.50, ppd.

Southern Industries, Box 12101, Dept. X53-B, New Orleans, La.

"No-hands" reading is a help for homework. Here's a bookholder that allows you to turn the pages freely, yet keeps them from flipping over by themselves. It's collapsible to fit in your book; $1, ppd.

Deerskin Trading Post, Route 1 at 114, Danvers, Mass.



Stairway to the stars knick-knack shelf makes a tot's room fairyland, even if the child only half believes in elves. Three color combinations: black with turquoise, white, or pink. $3.20, ppd.

Bancrofts, 1112 S. Wabash, Dept. 701, Chicago 5, Ill.

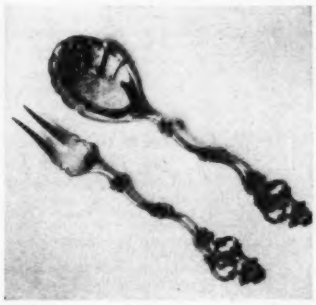
The little wooden angels atop this tiny trinket box stand ever ready to guard its contents. Box is footed and decorated with blossoms in pastel colors. It measures 3 inches high. $1.10 ppd.

The Stage Coach, East Swanzey, N. H.

Take a tour of the nation's most exciting and unusual shops. Here are the items they have selected to bring you enjoyment this month

Spinning winner is a revolving slicing board, for your extra ease in slicing, chopping, dicing, mincing. It's hard maple, measures 8⅛ inches in diameter. $3, ppd.

Max Schling Seedsmen, Inc., Dept. 609, 538 Madison Ave., New York 22, N.Y.

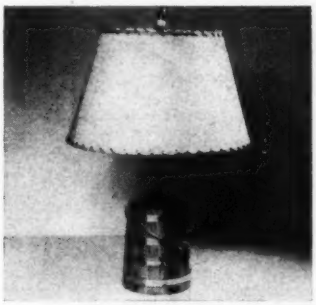


Dainty sterling nut spoon and pickle fork are elegant extras any June bride would treasure. Handles carry a graceful flower pattern; spoon handle is fluted. Spoon, $5.95; fork, $4.50, ppd.

Garness Gifts, 1004 Nicollet Ave., Minneapolis, Minn.

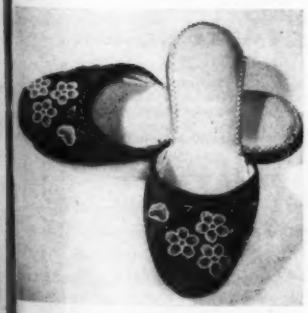
Miniature chest seat is ideal for storing trinkets, hobby collections, or what-have-you. Try it, too, as a tot's seat for auto or table. It's upholstered in plastic, measures 12x7x6 inches. Choose from many colors; $5.95, ppd.

Good Products, Fleetwood 3, Pa.



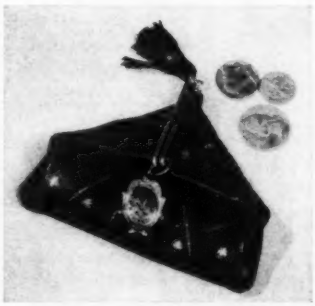
Cozily rustic, "Old Oaken Bucket" lamp has a base of solid oak, circled with shining brass bands. Shade is beige. Lamp stands 21 inches high; $14.95 complete, ppd.

Strother Products Co., Dept. BH, 5 Dahlgren Ave., Portsmouth, Va.



Just wiggle your toes into these luxurious scuffs! Black velveteen tops are hand-beaded, colorfully embroidered; foam-rubber innersoles add bouncy comfort. Sizes 5-12, $3.65, ppd.

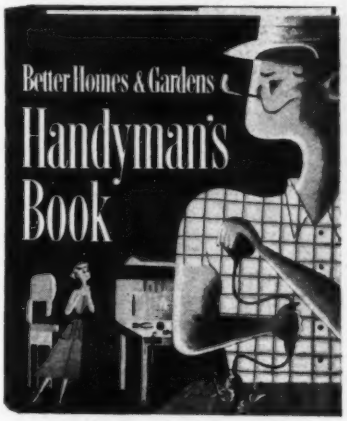
Edward H. Ziff, Box 3072, Dept. 21, Merch. Mart, Chicago 54, Ill.



Italian import—tiny leather coin purse folds flat for easy tucking into purse or pocket. It's gold-trimmed and decorated, available in many colors. Fancy medal and saucy tassel make it gay. $2, ppd.

The Globeshoppers, Inc., 4704 California Ave., Seattle 16, Wash.

it's EASY to MAKE HOME REPAIRS YOURSELF



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Improving your kitchen

Continued from page 355

Here's a quick check on the efficiency of a kitchen plan . . . how does your new arrangement measure up?

Counters should be

- 24 inches wide, next to range for serving space.
- 36 inches, for mixing center.
- 15 inches, next to refrigerator for landing spot.
- 36 inches, at right of sink for stacking dishes.
- 30 inches, at left of sink (less space with dishwasher).
- 24 inches, for most jobs—less space seems cramped.

Some counters may be used for more than one job.

Work triangle. The walking distance from sink to range to refrigerator and back to sink—should not total more than 22 feet. It's even better if the total distance is between 15 to 20 feet. Try to keep all traffic out of this triangle.

If you arrange your appliances too close to each other, you'll be crowded, and not have enough storage or working area.

If your appliances are too far apart, you'll waste time and steps in cooking and clean-up. Follow these rules when placing equipment: Allow

- 4 to 7 feet between sink and refrigerator.
- 4 to 6 feet between sink and range.
- 4 to 9 feet between range and refrigerator.

Yes, you may measure from center front of appliances, for calculating.

Place cabinets or appliances opposite each other at least 4 feet apart.

Helpful tips to follow when locating refrigerator:

- Put refrigerator near outside entrance—you'll save long walks toting an armload of groceries!
- Allow 3 to 5 inches for the door swing.
- If cabinets are built above refrigerator, leave 6 to 12 inches clearance for good ventilation. Details will depend on depth of cabinet.

Kitchen ideas references

Check back to these Better Homes & Gardens published kitchens for more ideas:

1956

Plan your kitchen for the family, too. March, pages 88-89.
How to get a bigger 'n better kitchen. February, 166-167.
Here's a kitchen keyed for warmth and durability. January, 76-77.

1955

Ideas for your kitchen scrapbook. September, 226-227.
A place to eat in your kitchen. August, 43-49.
Here's a kitchen re-do—low in cost, high in ideas. June, 132.
This kitchen's in the pink because . . . May, 88-90.
These kitchens won't fence you in. April, 104-105.
New kitchen curtains spark up your windows. March, 82-83.
36 ways to make an old kitchen young. February, 47-55.

1954

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Big-kitchen ideas in tiny space. November, 84.
These add up to a bigger kitchen. July, 80.
Here's a kitchen with big improvements. May, 246.
Hot facts on the built-in range. May, 102.
Ideas for your kitchen—help yourself! April, 164-165.
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More—lots more than a kitchen. March, 94-95.

1953

New kitchens from old. November, 65-71.
Gain storage with a kitchen re-do. September, 98-99.
Bright kitchen ideas. July, 76.
You can have a bright kitchen eatspot. June, 80-81.
Double your kitchen with a peninsula. May, 86-87.
Your kitchen can have everything. April, 86-87.
Put these in your kitchen scrapbook. March, 29.
Enjoy a snack bar in your kitchen. March, 82-83.
Up and coming plans for your laundry area. February, 78-79.
New kitchens that work for you. January, 41-45.

U. S. DEPT. OF AGRICULTURE PERFECTS NEW GRASS THAT SMOTHERS CRABGRASS & *STAYS GREEN* DESPITE DROUGHT!

Featured by Godfrey on TV

MEYER Z-52 ZOYSIA GRASS GIVES RICH VELVETY TURF

2/3 LESS MOWING | Never Needs RESEEDING

DEMAND EXCEEDS SUPPLY! Act Now! Not enough MEYER Z-52 Zoysia Grass in the ground to supply demand. Order today and assure prompt shipment.

AMAZOY GRASS WON'T BURN BROWN! THRIVES UNDER SCORCHING SUN!

At last, a carefree lawn that stays lush and green despite drought. Amazing AMAZOY Meyer Z-52 Zoysia Grass thrives in hottest weather. Its deep-growing root system (2 ft. or more) picks up and holds deep underground water, goes weeks without rain or watering. Eliminates ugly brown or bare spots due to drought.

GROWS WELL IN ANY SOIL NEEDS 2/3 LESS MOWING

AMAZOY grows in sandy soils—even at ocean beaches. Perfect on hills & slopes to prevent costly erosion. Never needs re-seeding. Takes "playground" punishment. Goes off color after heavy frosts—survives sub zero temperatures—greens up in the spring. A true winter hardy perennial!

EASY TO PLANT NOT GROWN FROM SEEDS!

AMAZOY comes to you in vigorous plugs of Zoysia grass ready to plant as recommended by the U.S. Dept. of Agric. No loss as with seeds, by washout or hungry birds. Once established, AMAZOY'S flourishing plugs spreads to form a thick velvety turf...and you can take 50 transplants from each square foot of your AMAZOY LAWN, YEARLY.

YOUR LAWN can be a GOLD MINE

Once established your perennial Zoysia Lawn can offer you a CONTINUOUS SOURCE OF INCOME. Sell Zoysia transplants to neighbors. Endless supply yearly.

AMAZOY GUARANTEED TO GROW!

AMAZOY is the finest pure strain of Meyer Z-52 Zoysia Grass. Order with full confidence direct from Nation's leading Zoysia Grass Farm! No middleman. Shipped fresh from the ground, expertly processed, packed, and guaranteed to reach you at peak of vitality! Any AMAZOY you order that fails to grow will be replaced absolutely free of cost.

ORDER BY MAIL
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333 N. Michigan Ave., Chicago 1, Ill.
602 N. Howard St., Balto. 1, Md.

GROWS SO THICK 2 MEN CAN'T TEAR IT APART!

LOOK Magazine says: "Meyer Z-52 Zoysia Grass grows so thick it kills weeds, laughs at crabgrass and turns greenest in blistering sun."

U.S. GOVT. APPROVED

Credit for developing Meyer Z-52 Zoysia Grass belongs to U.S. Dept. of Agric. and U.S. Golf Assn. Greens Sec. After years of experimentation, these specialists perfected this amazing grass with advantages never before available. In addition, thousands of delighted lawn owners all over the country have proven that an AMAZOY lawn improves year after year.

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AMAZOY Zoysia Grass spreads to give you a lawn of wonderland beauty. Grows so thick and hardy that crabgrass, weeds, disease and insects cannot live in it.

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50 PLUGS $4.98

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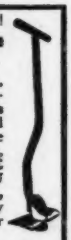
With 100 or more plugs, we enclose our new patented step-on plugger . . . plugs lawn and destroys harmful competing grass at same time, giving you far faster, healthier growth. NO ONE ELSE CAN GIVE YOU THIS **work-saving, growth producing** 2-way PLUGGER with your Zoysia Plugs.



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ELECTRIC LAWN TRIMMER AND EDGER
Bantam $24.95
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Write for literature
E. F. BRITTEN & CO., INC.
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KILLS LAWN AND GARDEN INSECTS
AMERICA'S PREFERRED INSECTICIDE . . . ASK YOUR DEALER FOR CHLORDANE!

DARWIN 100 TULIPS $3.59 POST PAID IN U. S.
Order Now—Pay Next Fall!
For a limited time only, you can get a choice mixture of all the popular tulip colors at extra-low prices. Order now and we will ship your bulbs COD plus postage at planting time, or . . . SEND CASH with ORDER and we will pay the postage. Remember, these are not so called "bargain bulblets." Each is about 4" around—big as a fifty cent piece. They are guaranteed to bloom next spring. Order now! For our FREE catalog write
Ackerman Nurseries, 800 Lake St., Bridgman, Mich.

WHY SHOULD Your Power Mower HAVE BIG WHEELS?

Own the finest mower on your street—a BIG WHEEL YAZOO—and challenge any other mower to a cutting duel! Exclusive bicycle-type wheels make Yazoo outlook, outperform, outwear any other!

Yazoo BIG WHEELS glide easier! Won't bog down as small wheels do! BIG WHEELS mean greater operator control—even a child can mow with safety!

Like no other machine, Yazoo not only grooms the most luxurious lawns—but is a mule for rural work, high cutting! See your dealer or write **now** for his name! You've got a brand new experience in store for you!

FREE! Send for illustrated booklet *"Are You Killing Your Grass?"* to: Yazoo Manufacturing Co., Dept. B.G., Jackson, Miss.

YAZOO MASTER MOWERS

GERANIUMS 2 DOZEN PLANTS POST-PAID $2.50
These are strong young plants that will be found very satisfactory for planting in the yards or garden. PLANTS ARE READY FOR DELIVERY APRIL 15th to JUNE 15th. Any color or mixed.
Buckley Geranium Co., Springfield, Ill.

THE MAN NEXT DOOR®

I hear considerable political talk when the neighbors gather in one another's yards these lovely spring evenings. We don't seem too concerned about any one candidate, but each of us does strongly favor any special privilege which we personally enjoy.

• • •

In my saner moments I am grateful that I have no fame, no special good looks or popularity. For, to my knowledge, the only man in history not spoiled by being lionized was the prophet Daniel.

• • •

"No really modest girl ever pursues a man," said Grandpa Hillis at some risk, in our family gathering last night. "But then you never hear of a mousetrap pursuing mice, either."

• • •

I respectfully dispute the charge that women are more patient than men. I'm in no hurry at all—as my head lady is—for me to get started cleaning out our basement.

• • •

Our family is not so enthusiastic about this "Do-it-yourself" trend, but we have long shown complete approval of the tried and tested "Let-somebody-else-do-it" policy.

• • •

The Joe Arnolds' married daughter Judy ➔ is a young woman of great perspicacity. "In case you throw anything away during house cleaning, Mother," said she airily, while visiting her parents Saturday, "remember Pat and I are furnishing our new home." It netted her half a truckload of loot.

"I am not as impressed by philosophers as I used to be," mused neighbor Steve Mehagian, returning my hoe last night. "One of them said, 'A job well done never needs doing over,' so it's plain that he never weeded his garden."

• • •

I think I have at last figured out why worry kills so many more people than work does. It's because so many more people worry than work.

• • •

Kept explaining to my Christine that the reason I raid our refrigerator at bedtime is that a man has to keep his strength up. "Yours could be kept up better," she ruled, eyeing my profile, "with a girdle than with a piece of pie."

I wonder if I have any legal rights in the business enterprise established this spring by my unreasonable facsimile, 12-year-old Burton Hillis, Jr. That smart cooky talked me out of $5 for seeds and bulbs back in February, and now is selling vegetables and flowers to the neighborhood wives, including mine. ←

• • •

To the best of my knowledge and belief, I have never been judged feeble-minded by anyone other than my own children. But some of the arguments being put forth by the politicians this year make it evident they think a great part of the body politic is mentally retarded.

• • •

Little 5-year-old Barry Emberlin upset his Sunday-school teacher. She told the class about Jonah and the whale, then asked if anyone knew what the story taught. "Yessum," piped up Barry. "It teaches us that you can't keep a good man down."

• • •

Here in the mellowing years of my life I find that temptation has suddenly taken on a new and alluring form. It's that Travel-Now-Pay-Later invitation the airlines are extending. "Sounds wonderful," admits my helpmeet, also tempted. "At least they can't repossess our vacation like that store did our washing machine right after we were married. Can they, dear?"

• • •

Nothing discombobulates a stern parent, such as I, like blowing his top in an impulsive moment of discipline, only to have his teen-age female victim smile sweetly and say, "Yes *indeedy*, father darling."

• • •

Uncle Dodd Buckner, the philosopher who collects our garbage, has a valid explanation for his increase in weight this spring. "Missus Buckner," said he, "is the kind of woman who figures that almost any nagging or injustice can be counterbalanced by serving something good to eat."

• • •

If I sometimes take to calling my beloved Christine "Angel," it's because she's having a spell of harping on everything, and of saying she hasn't an earthly thing to wear.

• • •

YOUR PLAN for family success is working when—the savings account doesn't have to be raided for vacation . . . teacher pencils a note on your child's report card—"One of my best pupils; much personality, charm" . . . your doctor hails you downtown with a hearty "Haven't seen you folks lately. How things going?" . . . "We" is heard more around the home than "I" . . . your minister asks *you* for counsel in rearing his kids . . . friends invite you to dinner and say, "*Please* bring your mother and dad, they are such darlings." . . . Suddenly you realize that you and your mate haven't quarreled in months.

Burton Hillis

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ENS, MAY

Important Milestones in Modern Medicine: 1796 —Triumph Over Contagious Diseases. First inoculation by Dr. Jenner. 1848—Triumph Over Pain. Dr. Morton's discovery of ether. 1929 —Triumph Over Bacterial Infections. Fleming discovers penicillin.

Now—1956—Procter & Gamble proudly announces . . .

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Crest Toothpaste with Fluoristan strengthens tooth enamel to lock out decay from within

Fluoristan is Procter & Gamble's exclusive stannous fluoride formula—proven the greatest decay-preventive in any toothpaste

Miracle of the Towns Without Toothaches. For years, children in certain towns were virtually without cavities. Nature's decay-preventive, *fluoride,* was in their drinking water!

Science Long Tried to Capture Fluoride in a toothpaste. At last, university scientists discovered *Fluoristan*—the greatest decay-preventive in any toothpaste.

Fluoristan Makes Possible Crest. Without Fluoristan, you cannot get maximum protection against tooth decay with a toothpaste. Protects teeth of adults and children, six and over.

Dentists Tested Crest for three years on 5,673 people. No toothpaste can end all decay, but Crest set records of decay prevention *never approached by any other toothpaste.*

IMPORTANT

Crest with Fluoristan is the only toothpaste ever developed that makes possible a major reduction in tooth decay for everyone, everywhere, by strengthening tooth enamel. Thereby, Crest marks a turning point in man's age-old struggle against this almost universal disease.

Instead of waiting helplessly for cavities to strike, Crest now makes it possible for you to build strong defenses against decay *within teeth*... to *fortify* teeth so that they turn back the destructive attacks of decay (as opposed to the old-fashioned method of brushing a temporary coating of protection on the surface of teeth). With Crest, your family approaches the long dreamed-of day of healthy, decay-free teeth.

Guaranteed by Good Housekeeping

Fluoristan is a trademark for Procter & Gamble's exclusive fluoride tooth decay fighter

NO OTHER TOOTHPASTE PREVENTS DECAY LIKE CREST!

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